

Kendall County, Illinois

**KENDALL COUNTY SHERIFF'S OFFICE (KCSO)**

**PATROL EMERGENCY VEHICLE  
TECHNOLOGY & VIDEO EQUIPMENT  
PROCUREMENT CONTRACT**

Invitation to Bid (ITB) Number: 2023-03



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# SECTION 1: INTRODUCTION

## A. DEFINITIONS:

“Addenda” or “Addendum” means written or graphic instruments issued by Kendall County, Illinois (“County”), which by additions, deletions, clarifications or corrections, modify or interpret the Bidding Documents. All Addenda shall be incorporated herein by reference as part of the ITB.

“Bid” means a complete and properly executed proposal to complete the Project for the sums stipulated therein, submitted in accordance with the Bidding Documents.

“Bidder” means a person or entity who submits a Bid and who meets the requirements set forth in the Bidding Documents.

“Bidding Documents” means this ITB, all Addenda, the project manual and the drawings of the Project, which shall hereinafter be referred to collectively as “Bidding Documents”.

“County” means Kendall County, Illinois and its elected officials, departments, employees, and agents.

“Kendall County Sheriff’s Office” means the elected office of the Sheriff of Kendall County, and its departments, officials, employees, and agents.

“ITB” means this Invitation to Bid and any documents specifically incorporated by reference or attached hereto.

“Project” means the Scope of Work described in the Bidding Documents.

“Project site” means the location where the Project will be performed, which is the following location: **1102 Cornell Lane Yorkville, Illinois 60560** and the **designated bidder address of operation**. In the event of a request for roadside assistance, those locations within Kendall County as requested.

“Procurement Ordinance” refers to the Kendall County Procurement Ordinance, as amended from time to time.

## B. SCOPE OF WORK:

The County, by and through the Kendall County Sheriff’s Office, seeks a qualified business to provide the following scope of products in accordance with the requirements set forth in this ITB and the Bidding Documents.

The Kendall County Sheriff’s Office seeks to procure semi-rugged tablets, in car audio/video systems, body worn cameras, mounting equipment, and peripherals for (thirteen) 13 vehicles based on the general specs below:

- Semi-Rugged/ Rugged Tablet
  - Getac A140 tablet to be consistent with existing infrastructure.
- Mounting and Accessories
- Swing up Device Mount

- Rugged Keyboard
- Cradlepoint IBR900 router with Wi-Fi (1000Mbps modem), no AC power supply or antennas 3-yr NetCloud Essentials for Mobile Routers (Prime) with support and America
- Warranty / Support
- Getac VR-X20 In car audio/video DVR system and all included peripherals.
- Getac BC-02 body worn camera and all integration components to DVR
- Brother Printer

Bidder will coordinate with the Kendall County Sheriff’s Office in the most cost-effective and efficient manner possible. Qualified firms wishing to respond to INVITATION TO BID –must provide all equipment and materials described in this document. See Section 5 for detailed Project Specifications, which are incorporated herein by reference.

Bidder shall work collaboratively with Kendall County Sheriff’s Office staff to meet the following key components of the Operations squad fleet equipment procurement:

1. Timely and accurate delivery of items; within 60 days of award.
2. Pricing honored for a minimum of 180 days, 1 year preferred.

Minority business firms are encouraged to submit Bids on the Project, and Bidders are encouraged to utilize minority businesses as sub-contractors, suppliers, and for services related to the Project. Businesses located in Kendall County; Illinois are also encouraged to submit Bids for the Project.

Also, the Bidding Documents incorporate by reference herein all requirements of the Kendall County Procurement Ordinance, as amended. In the event of any conflict between the Bidding Documents and the Kendall County Procurement Ordinance, the terms of the Kendall County Procurement Ordinance, as amended, shall control.

**C. BASIS OF BIDS:**

Bids will be a single contract with a stipulated rate.

The specifications described herein are what the Kendall County Sheriff’s Office determined are necessary to meet the performance requirements of the Kendall County Sheriff’s Office. Bidders desiring to bid on items which deviate from these specifications, but which they believe to be equivalent, are requested to submit alternate bids. However, alternate bids must be clearly marked as such and deviations from the specifications must be plainly noted. The bid must be accompanied by complete technical specifications of the alternate item(s) offered. Equivalency shall be at the Kendall County Sheriff’s Office’s sole discretion, and it shall be the Kendall County Sheriff’s Office's sole decision whether to accept an alternate or not.

Unit prices shall be shown for each item as applicable and for which Bidder is offering a bid. The unit price shall include all packing, crating, freight/shipping charges, and cost of unloading supplies at destination unless otherwise expressly stated in the Bid proposal. Unit prices shall not include any local, state, or federal taxes. In case of a mistake in the extension of price, the unit price shall govern. All prices must be typewritten or written in ink adjacent thereto and initialed in ink by the party signing the Bid.

**D. IMPORTANT DATES:**

The following table identifies several important dates and deadlines related to the Bidding Documents:

| <b>DATE</b> | <b>EVENT</b>   |
|-------------|--|
| 03/10/2023  | Bidding Documents available at Public Safety Center 1102 Cornell Lane Yorkville, IL 60560 or <a href="http://www.kendallcountyil.gov">www.kendallcountyil.gov</a>  |
| 03/20/2023  | Questions due to Commander Jason Langston at <a href="mailto:jlangston@kendallcountyil.gov">jlangston@kendallcountyil.gov</a> or Fleet Manager Andy Peters at <a href="mailto:apeters@kendallcountyil.gov">apeters@kendallcountyil.gov</a> <b>no later than 12:00 p.m. (CST)</b> |
| 03/24/2023  | Questions answered via addendum and posted on the County's website no later than 4:00 p.m. (CST) or via e-mail and at optional meeting.  |
| 03/20/2023  | Optional Pre-Bid Meeting at 1:00 p.m. (CST) at 1102 Cornell Lane, Yorkville, Illinois 60560.   |
| 03/30/2023  | Sealed Bids due no later than 4:00 p.m. (CST).   |
| 03/31/2023  | Bid opening conducted at 10:30 a.m. (CST) at 1102 Cornell Lane, Yorkville, Illinois 60560.   |

**E. EXAMINATION AND PROCUREMENT OF DOCUMENTS:**

Bidding Documents available at the Kendall County Sheriff's Office Public Safety Center, 1102 Cornell Lane Yorkville, IL 60560 or [www.kendallcountyil.gov](http://www.kendallcountyil.gov) on or after 03/10/2023 @ 9:00 a.m. (CST).

**F. PRE-BID MEETING:**

A pre-Bid meeting will be held at the Project site: Public Safety Center 1102 Cornell Lane Yorkville, IL 60560. Prospective Bidders should meet at Main Lobby. The pre-Bid meeting will begin promptly at 1:00 p.m. (CST) on 03/20/2023. All Prospective Bidders are requested, though not required to attend.

**G. ADDENDUM:**

All changes to the Bidding Documents are valid only if they are included by written addendum to all Bidders. Addenda are written instruments issued by the Kendall County Sheriff's Office prior to the date for receipt of Bids, which modify or interpret the Bidding Documents by addition, deletions, clarifications, and/or corrections. All addenda so issued shall become part of the Bidding Documents. Only Commander Jason Langston or Fleet Manager Andy Peters has the authority to issue an addendum for these Bidding Documents.

No interpretation of the meaning of the plans, specifications, or other Bidding Documents will be made orally. All Addenda will be posted on the County's website at: [www.kendallcountyil.gov](http://www.kendallcountyil.gov) .

Each Bidder shall confirm prior to submitting a Bid that all Addenda issued by the Kendall County Sheriff's Office have been received and, by submission of a Bid, such act shall be taken to mean that such Bidder has received all Addenda; is familiar with the terms thereof; and understands and agrees to comply fully with the contents of the Bidding Documents and Addenda. Failure of the Bidder to receive and review any addendum or interpretation issued by the Kendall County Sheriff's Office shall not relieve the Bidder from the obligation under their Bid as submitted. Failure of a Bidder to request an interpretation constitutes a waiver to a later claim that ambiguities or misunderstandings caused a Bidder to submit a Bid improperly.

**H. QUESTIONS**

Should a Bidder require any additional information about this ITB or any other Bidding Documents, such questions should be directed in writing to the Kendall County Sheriff's Office. All questions should be sent to:

Kendall County Sheriff's Office  
Attention: Jason Langston, Commander  
E-mail address: [jlangston@kendallcountyil.gov](mailto:jlangston@kendallcountyil.gov)

Or

Kendall County Sheriff's Office  
Attention: Andy Peters, Fleet Manager  
E-mail address: [apeters@kendallcountyil.gov](mailto:apeters@kendallcountyil.gov)

Questions must be received by the Kendall County Sheriff's Office at the above-referenced email address no later than 12:00a.m. (CST) on 03/24/2023.

Questions timely received by the Kendall County Sheriff's Office will be answered at the discretion of the Kendall County Sheriff's Office. Any answers provided by the Kendall County Sheriff's Office will be given by means of an addendum published on the Kendall County website at [www.kendallcountyil.gov](http://www.kendallcountyil.gov) and available to all Bidders.

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## SECTION 2: SUBMITTAL OF BIDS

### A. SUBMITTAL OF SEALED BID

All Bidders must submit one (1) original and one (1) copy of their Bid in a sealed package plainly marked in the lower left-hand corner “Bid for KCSO Vehicle Maintenance Service Contract ITB”. If a Bid is submitted by mail, the sealed envelope shall be enclosed in a separate mailing envelope with the notation “SEALED BID ENCLOSED” on the face thereof. Failure to submit a Bid in a properly marked, sealed package may eliminate the Bid from consideration.

**The sealed Bid must be addressed and delivered to:**

Kendall County Sheriff’s Office  
Attention: Commander Jason Langston  
Address: 1102 Cornell Ln  
Yorkville, IL 60560

**Sealed Bids must be received by Kendall County no later than 4:00 p.m. on 03/30/2023 (hereinafter referred to as the “Due Date”). Bidders shall assume full responsibility for timely delivery at the location designated for receipt of Bid. Bids received after the Due Date will not be considered and shall be marked “Late” and returned to the Bidder unopened.**

### B. MODIFICATION OR WITHDRAWAL OF BIDS:

Prior to the date and time designated for receipt of Bids, a Bidder may submit a new Bid to replace a Bid previously submitted, or withdraw its Bid entirely, by sending written notice to the person designated to receive Bids on behalf of the Kendall County Sheriff’s Office. Such notice must be received by the Kendall County Sheriff’s Office on or before the date and time set for receipt of Bids. The person receiving Bids shall verify that the replaced/withdrawn Bid is removed from the other submitted Bids and not considered. Notice of submission of a replacement Bid or withdrawal of a Bid shall be worded so as not to reveal the amount of the original Bid.

### C. OPENING OF SEALED BIDS:

The sealed Bids timely received by the Kendall County Sheriff’s Office shall be opened and publicly read on **03/31/2023 at 10:30a.m. at the Public Safety Center, 1102 Cornell Ln, Yorkville, Illinois 60560.** Each sealed Bid received by the County shall be analyzed to ensure that all stipulations have been satisfied by the Bidder. The results shall be recorded and forwarded with all Bidding Documents to the appropriate County official. Bidder attendance is NOT required at the opening of sealed Bids.

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# SECTION 3: INSTRUCTIONS TO BIDDERS

## A. WHAT INFORMATION MUST BE INCLUDED IN THE BIDS:

All Bids must comply with the following requirements:

1. The Bidder must complete and include all the following documents with their Bid:
  - Completed Bid Forms (the Bid Forms are attached to the ITB as Exhibit 1)
  - All other requirements included in the Bidding Documents
2. All sealed Bids must be comprehensive and complete for the services requested in the Bidding Documents. All Bids shall provide a straightforward, concise delineation of the Bidder's capabilities to satisfy the requirements of the Bidding Documents and the services requested therein. Emphasis should be on completeness and clarity of content.
3. Any proposed reduction in price or any proposed donation of materials, supplies and/or labor by the Bidder shall be specified in the completed Bid Forms. Any reduction or donation provided by a Bidder to the Kendall County Sheriff's Office shall not relieve Bidder of their obligations to comply with existing local, state or federal laws, including but not limited to the Illinois Prevailing Wage Act (820 ILCS 130/.01 *et seq.*). The Kendall County Sheriff's Office shall only consider any reduction or donation in determining the lowest responsible Bidder to the extent that the reduction or donation effects the stipulated sum Bid by a Bidder.
4. The "Terms and Conditions" set forth in the Bidding Documents will apply to the contract between the Kendall County Sheriff's Office and the successful Bidder. By submitting a Bid, a Bidder agrees to the Terms and Conditions. Any Bid that conflicts with the Terms and Conditions may be deemed an unresponsive Bid.
5. All sealed Bids shall be submitted on forms included in these Bidding Documents unless otherwise specified.
6. All information requested on Bid forms shall be typewritten or written in ink. Where both written words and numerical figures are required, the written words shall apply in the event of a conflict.
7. The County will not be responsible for any expenses incurred by the Bidder in preparing and submitting Bids.
8. The Bidder must sign their Bid in their business or corporation's name and must bear the original longhand signature of a principal legally authorized to sign contracts on behalf of the Bidder. The name of each person signing should be typed or printed below the signature.
9. The individual signing the document for the Bidder shall initial all erasures and/or corrections in their sealed Bid.
10. All variations to the stated specifications must be described in detail (free from ambiguity).

11. All Bidders must confirm they are appropriately licensed and authorized to conduct business within the State of Illinois. Bidders shall be prepared to furnish evidence of the foregoing upon request.
12. The Bidder acknowledges that all materials submitted with the Bid become the property of the Kendall County Sheriff's Office and, as such, may be available to the public pursuant to applicable law.
13. The Bidder is expected to comply with the true intent of this ITB and the Bidding Documents taken as a whole and shall not avail itself of any errors or omission to the detriment of the services or to the Kendall County Sheriff's Office. Should the Bidder suspect any error, omission, or discrepancy in the specifications or instructions, the Bidder shall immediately notify the Kendall County Sheriff's Office in writing, and the County will issue written corrections or clarifications. The Bidder is responsible for the contents of its Bid and for satisfying the requirements set forth in the ITB and Bidding Documents. Bidder will not be allowed to benefit from errors in the document that could have been reasonably discovered by the Bidder in the process of putting the Bid together.

**B. MODIFICATION OR INTERPRETATION OF BIDDING DOCUMENTS:**

The Bidder acknowledges that some of the existing conditions shown in the Bidding Documents are presented for information as an approximation and are not a substitute for the Bidder's required field verification of existing conditions relating to the Project. Failure to make the necessary field examinations will not relieve the Bidder from any of the requirements of the Bidding Documents or any contract entered into by the Kendall County Sheriff's Office and the successful Bidder.

The Bidder shall carefully study the Bidding Documents, shall examine the site and local conditions, and shall notify the Kendall County Sheriff's Office of errors, inconsistencies, or ambiguities discovered and request clarification or interpretation pursuant to the procedures set forth in these Bidding Documents.

**C. BID SURETY:**

The Bidder is not required to pay a Bid surety with the ITB.

**D. AWARD OF BID:**

It is the intent of the Kendall County Sheriff's Office to award the Bid to the lowest responsible bidder who has met all specifications, terms, and conditions of this ITB and all other Bidding Documents. The Kendall County Sheriff's Office reserves the right to issue its award on a per item basis or total low bid overall. The quality of the articles and services to be supplied, their conformity with specifications, their suitability to the requirements of the Kendall County Sheriff's Office, and delivery and discount terms will be taken into consideration in making the award(s). In determining the lowest responsible Bidder, the Kendall County Sheriff's Office shall take into consideration the qualities of the services/articles supplied; their conformity with the specifications; their suitability to the requirements of the Kendall County Sheriff's Office, availability of support services; uniqueness of the service, materials, equipment, or supplies as it applies to networked, integrated computer systems; compatibility to existing equipment; and the delivery terms. The Kendall County Sheriff also reserves the right to consider bid prices, the references and successful service history, corporate experience and capability, qualifications, proposed approach to the project, value added services and other related factors in the award decision that demonstrate the important factors of financial responsibility and ability to perform. Intangible factors, such as the Bidder's reputation and past performance in executing the Kendall County Sheriff's Office contract, will also be

weighed in executing Kendall County Sheriff's Office contracts. The criteria are not necessarily listed in any order. The Kendall County Sheriff's Office may request additional information from all bidders and further evaluate the selection criteria.

Submission of a bid confers no rights on the bidder to selection or to a subsequent contract. This ITB process is for the Kendall County Sheriff's Office's benefit only, and it is intended to provide the Kendall County Sheriff's Office with competitive information to assist in selection of services. All decisions on compliance, evaluation, and responsiveness shall be made solely at the Kendall County Sheriff's Office's discretion. By submitting a Bid, Bidder acknowledges the Kendall County Sheriff's Office's decision is final, binding, and conclusive upon the Bidder for all purposes.

All bids submitted shall be considered firm offers and will be binding for ninety (90) calendar days following the due date for submittal of sealed bids, unless, upon the Kendall County Sheriff's Office's request, the Bidder agrees in writing to an extension.

The failure of a Bidder to promptly supply information requested in the Bidding Documents may result in the Bidder being eliminated from consideration.

The Kendall County Sheriff's Office reserves the right to reject any or all bids, to waive any or all irregularities, to waive or deviate from the procedures or timetable identified in the Bidding Documents, or to supplement, amend, or otherwise modify the Bidding Documents, without notice. The Kendall County Sheriff's Office may seek additional information or clarification from a bidder at any time and failure to respond promptly may be cause for rejection of the bid.

The Kendall County Sheriff's Office reserves the right to disqualify bids, before or after opening, upon evidence of collusion with intent to defraud or other illegal practices upon the part of the Bidder. The Bidder's failure to agree to the Terms and Conditions included in the Bidding Documents or to otherwise meet the requirements of the Bidding Documents may result in the disqualification of the Bidder's bid from further consideration as an unresponsive bid.

**E. EXECUTION OF CONTRACT:**

The accepted Bid shall be contracted by the Kendall County Sheriff's Office for the total stipulated sum set forth in the accepted Bid. The Kendall County Sheriff's Office will not be responsible for any additional charges above the accepted Bid unless additional services are negotiated and accepted by the Kendall County Sheriff's Office by written addendum to the original contract.

The contents of the Bid submitted by the successful Bidder and the Bidding Documents (including, but not limited to the Terms and Conditions set forth below in this ITB) will become a part of the contract awarded as a result of the Bid process.

Notwithstanding any delay in the preparation and execution of the contract, each Bidder shall be prepared, upon written notice of Bid acceptance, to commence work within ten (10) calendar days following receipt of official written order of the Kendall County Sheriff's Office to proceed, or on date stipulated in such order.

## SECTION 4: TERMS AND CONDITIONS

The Bidder's failure to agree to the following terms and conditions may result in the disqualification of the Bidder's proposal from further consideration as an unresponsive Bid.

By submitting a Bid, Bidders represent that:

1. Bidder has read and understands the Bidding Documents.
2. The Bid complies with the Bidding Documents.
3. Bidder has visited the Project site; is familiar with local conditions under which the Project is to be performed; and has correlated the Bidder's observations with the requirements of the Bidding Documents and the Bidder's Bid; and
4. The Bid is based upon the materials, equipment, and systems required by the Bidding Documents, as may be amended by written addendum, without exception.

**By submitting a Bid, Bidders agree to accept and comply with the following Terms and Conditions that shall be incorporated by reference herein to the contract between Kendall County and the successful Bidder:**

1. These Terms and Conditions, along with the ITB, the Bidding Documents, and the Bidder's Bid, represent the entire understanding between the parties hereto (collectively, the "Agreement"), and any modification or amendment hereof must be made in writing, signed, and executed by both parties hereto. Furthermore, this Agreement supersedes any prior written or oral agreements between the parties, and there are no other promises or conditions in any other agreement whether oral or written. In the event of a conflict, the documents shall control in the following order of descending precedence: the Agreement, the Terms and Conditions set forth in the ITB, the remaining portions of the Bidding Documents, and the Bidder's Bid.
2. This Agreement shall be effective as of the date of final signature below and shall continue in force and effect until the Project has been fully completed to the satisfaction of the Kendall County Sheriff's Office but no later than November 30, 2024 or as terminated by either party pursuant to the terms in the Agreement, whichever occurs first.
3. Pursuant to, and as set forth in this Agreement, Bidder will provide the County the following services:  

See Section 5 for Project Specifications, which are incorporated herein by reference.  
(Hereinafter referred to collectively as "the Scope of Work" or "the Project").
4. As consideration for the services to be performed by Bidder pursuant to the terms and conditions set forth in this Agreement, the Kendall County Sheriff's Office agrees to pay Bidder as described in "Exhibit 1".

The Kendall County Sheriff's Office shall not be responsible for any costs in excess of the payment schedule set forth in the Scope of Work unless the County agrees to said increase in writing before such expense is incurred. All payments shall be made in accordance with the Illinois Local Government Prompt Payment Act, as amended (50 ILCS 505/1 *et seq.*).

5. The Kendall County Sheriff's Office reserves the right to make changes in the Scope of Work (increases and decreases of any kind) and alterations in material and product selections. Bidder, its contractors, and subcontractors and their respective employees and agents shall make no changes in the Scope of Work without issuance of a written change order that is first executed by both the Kendall County Sheriff's Office and the Bidder. The Kendall County Sheriff's Office will not pay for verbal change orders. Bidder must obtain written change orders or, at minimum, email authorization of additional fixed-price change order work from the Kendall County Sheriff's Office *before* proceeding with any additional work or any variations in specified materials. Furthermore, Bidder understands and agrees that any public works change orders that total fifty percent (50%) or more of original contract price must be rebid in same manner as the original contract. *See* 50 ILCS 525/5. Bidder also understands and agrees that any change orders of more than \$10,000 or 30 days (more or less) in completion time, must be pre-approved in writing by the Kendall County Sheriff's Office. *See* 720 ILCS 5/33E-9.
6. Bidder is an Independent Contractor and is not an employee of, partner of, agent of, or in a joint venture with the Kendall County Sheriff's Office. Bidder understands and agrees that Bidder is solely responsible for paying all wages, benefits and any other compensation due and owing to Bidder's officers, employees, and agents for the performance of services set forth in the Agreement. Bidder further understands and agrees that Bidder is solely responsible for making all required payroll deductions and other tax and wage withholdings pursuant to state and federal law for Bidder's officers, employees and/or agents who perform services as set forth in the Agreement. Bidder also acknowledges its obligation to obtain appropriate insurance coverage for the benefit of Bidder, Bidder's officers, employees and agents and agrees the Kendall County Sheriff's Office is not responsible for providing any insurance coverage for the benefit of Bidder, Bidder's officers, employees and agents. Bidder hereby indemnifies and agrees to waive any right to recover alleged damages, penalties, interest, fees (including attorneys' fees), and/or costs from the Kendall County Sheriff's Office, its board members, officials, employees, insurers, and agents for any alleged injuries that Bidder, its officers, employees and/or agents may sustain while performing services under the Agreement. Bidder shall exercise general and overall control of its officers and employees.
7. For public safety reasons and to the extent permitted by law, Bidder agrees that no one shall be assigned to perform work at the Kendall County Sheriff's Office's facilities on behalf of Bidder, Bidder's consultants, subcontractors and their respective officers, employees, agents and assigns unless Bidder has completed a criminal background investigation for each individual to be performing work at the site. To the extent permitted by law, in the event that the individual's criminal background investigation reveals that the individual has a conviction record that has not been sealed, expunged or impounded under Section 5.2 of the Criminal Identification Act, Bidder agrees that the individual shall not be assigned to perform work on or at the Kendall County Sheriff's Office's properties and/or facilities absent prior written consent from the County. The Kendall County Sheriff's Office, at any time, for any reason and in the County's sole discretion, may require Bidder, Bidder's contractors, and Bidder's subcontractors to remove any individual from performing any further work under this Agreement. Should the Kendall County Sheriff's Office have a complaint regarding the performance of the services or the behavior of Bidder's officers, employees, contractors, subcontractors, and/or agents performing services under this Agreement, or should the Kendall County Sheriff's Office request a change in the manner in which services are being performed pursuant to this Agreement, the Kendall County Sheriff's Office shall transmit the same to the Bidder's on-site foreman and/or to any other member of Bidder's management, who shall take immediate action and shall promptly resolve the problem to the Kendall County Sheriff's Office's satisfaction. Bidder's failure to take immediate action and/or to resolve the problem to the Kendall County Sheriff's Office's satisfaction shall be considered a material breach of the Agreement.

8. Bidder shall indemnify, hold harmless and defend with counsel of the Kendall County Sheriff's Office's own choosing, the Kendall County Sheriff's Office, its past, present and future elected officials, department heads, employees, insurers, and agents (hereinafter collectively referred to as "Releasees") from and against all liability, claims, suits, causes of action, demands, proceedings, set-offs, liens, attachments, debts, expenses, judgments, or other liabilities including costs, reasonable fees and expense of defense, arising from any loss, damage, injury, death, or loss or damage to property, of whatsoever kind or nature as well as for any breach of any covenant in the Agreement or ancillary documents and any breach by Bidder of any representations or warranties made within the contract documents (collectively, the "Claims"), to the extent such Claims result from any act or omission, neglect, willful acts, errors, or misconduct of Bidder in its performance under this Agreement or the contract documents. Pursuant to 55 ILCS 5/3-9005, no attorney may be assigned to represent the Releasees pursuant to this Section of the Agreement unless the attorney has been approved in writing by the Kendall County State's Attorney. Releasees' participation in its defense shall not remove Bidder's duty to indemnify, defend, and hold Releasees harmless, as set forth above. Releasees do not waive their defenses or immunities under the Local Government and Governmental Employees Tort Immunity Act (745 ILCS 10/1 et seq.) by reason of this indemnification provision. Indemnification shall survive the termination of this Agreement.
  
9. Bidder will obtain and continue in force, during the term of this Agreement, all insurance as set forth below:
  - a. All coverage shall be placed with insurers authorized to conduct business in Illinois with a current A.M. Best's rating of no less than A:VII. Each insurance policy shall not be cancelled or changed without thirty (30) calendar days' prior written notice, given by the insurance carrier to the Kendall County Sheriff's Office at the address set forth herein.
  
  - b. Minimum Scope and Limit of Insurance. All coverage shall be at least as broad as the following:
    - i. Commercial General Liability ("CGL"): Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than \$1,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be \$2,000,000.
  
    - ii. Umbrella/Excess Liability: Limits of liability equal to or greater than \$5,000,000 per occurrence and \$5,000,000 in aggregate.
  
    - iii. Automobile Liability: Insurance Services Office Form Number CA 0001 covering, Code 1 (any auto), or if Bidder has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
  
    - iv. Workers' Compensation Insurance: Insurance as required by the State of Illinois, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease. (Not required if company provides written verification it has no employees.)

- v. Professional Liability (Errors and Omissions) Insurance: Professional insurance appropriate to Bidder's profession, with limit no less than \$2,000,000 per occurrence or claim and \$2,000,000 aggregate.
- c. If Bidder maintains broader coverage and/or higher limits than the minimums shown above, the County shall be entitled to the broader coverage and/or the higher limits maintained by the Bidder. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the County. The County and its, past, present, and future its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of Bidder including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to Bidder's insurance (at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 forms if later revisions used).
- d. For any claims related to this Agreement, the Bidder's insurance coverage shall be primary insurance primary coverage at least as broad as ISO CG 20 01 04 13 with respect to the Releasees. Any insurance maintained by the Releasees shall be in excess of the Bidder's insurance and shall not contribute with it.
- e. Bidder hereby grants to the Releasees a waiver of any right to subrogation which any insurer of said Bidder may acquire against Releasees by virtue of the payment of any loss under such insurance. Bidder agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not Releasees have received a waiver of subrogation endorsement from the insurer.
- f. Self-insured retentions must be declared to and approved by the County. The County may require the Bidder to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or the County.
- g. If any of the required policies provide coverage on a claims-made basis, (1) the Retroactive Date must be shown and must be before the date of the Agreement or the beginning of the contracted work; (2) insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the contract of work; and (3) if coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the Agreement's effective date, the Bidder must purchase "extended reporting" coverage for a minimum of five (5) years after completion of the contracted work.
- h. Bidder shall furnish the County with original Certificates of Insurance including all required amendatory endorsements (or copies of the applicable policy language effecting coverage required by this clause) and a copy of the Declarations and Endorsement Page of the CGL policy listing all policy endorsements to the County before work begins. However, failure to obtain the required documents prior to the work beginning shall not waive the Bidder's obligation to provide them. The County reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

- i. Subcontractors: Bidder shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Bidder shall ensure that the County is an additional insured on insurance required from subcontractors.
  - j. The County reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.
10. Bidder agrees to assume the entire liability for all personal injury claims suffered by its own employees, asserted by persons allegedly injured on the Project and/or while performing the Scope of Work. Bidder also waives any limitation of liability defense based upon the Worker's Compensation Act, court interpretations of said Act or otherwise; and to the fullest extent permitted by law, agrees to indemnify and hold harmless and defend the Releasees from and against all such loss, expense, damage or injury, including reasonable attorneys' fees, that the Releasees may sustain as a result of such claims, except to the extent that Illinois law prohibits indemnity for the Releasees' own negligence. Releasees are designated and recognized as explicit third-party beneficiaries of this *Kotecki* waiver within the general contract and all subcontracts entered into in furtherance of the general contract.
11. Neither party will be responsible to the other for damage, loss, injury, or interruption of work if the damage, loss, injury, or interruption of work is caused solely by conditions that are beyond the reasonable control of the parties, and without the intentional misconduct or negligence, of that party (hereinafter referred to as a "force majeure event"). To the extent not within the control of either party, such force majeure events may include: acts of God, acts of any governmental authorities, fire, explosions or other casualties, vandalism, riots or war. A party claiming a force majeure event ("the claiming party") shall promptly notify the other party in writing, describing the nature and estimated duration of the claiming party's inability to perform due to the force majeure event. The cause of such inability to perform will be remedied by the claiming party with all reasonable dispatch.
12. Upon the occurrence of any material default or breach of Agreement by either party, the injured party (i.e., the non-breaching and/or non-defaulting party) may, at its option, upon notice to the other in writing, declare this Agreement to be in default, and at any time thereafter, so long as the other party shall have not remedied or caused to be remedied all outstanding defaults and/or breaches within a reasonable period of time as determined by the Kendall County Sheriff's Office, the injured party may elect, in accordance with law and any other agreement between the parties to: (a) Proceed by appropriate court action at law or in equity to enforce performance by the defaulting party of its obligations under this Agreement and/or to recover damages for breach thereof; and/or (b) By notice in writing to the defaulting party, cancel or terminate this Agreement. For purposes of this Paragraph, "reasonable period of time" will be dependent on the type of service being provided but, in any event, the reasonable period of time may be no less than one hour but no more than thirty (30) calendar days.
13. Notwithstanding any other provision of this Agreement, this Agreement may be terminated by the Kendall County Sheriff's Office upon written notice delivered to Bidder at least thirty (30) days prior to the effective date of termination. No additional payments, penalties and/or early termination charges shall be required upon termination of the Agreement under this paragraph.
14. Bidder agrees to comply with all applicable federal, state, or local laws and regulatory requirements and to secure such licenses as may be required for its employees and to conduct business in the state, municipality, county, or location where the work is to be performed. Such obligation includes, but is not limited to, environmental laws, civil rights laws, prevailing wage, and labor laws.

15. When applicable, Bidder shall furnish Material Safety Data Sheets for their products, in compliance with the Illinois Toxic Substance Disclosure to Employee Act, Safety Inspection and Education Act & "Right to Know" law, 820 ILCS 255/1 *et seq.*, 820 ILCS 220/0.01 *et seq.* and 820 ILCS 225/0.1 *et seq.*
  16. Bidder, its officers, employees, contractors, subcontractors, and agents agree not to commit unlawful discrimination and unlawful harassment and further agree to comply with all applicable provisions of the Illinois Human Rights Act, Title VII of the Civil Rights Act of 1964, as amended, the Americans with Disabilities Act, the Age Discrimination in Employment Act, Section 504 of the Federal Rehabilitation Act, the Illinois Public Works Employment Discrimination Act, 775 ILCS 10/0.01 *et seq.*, as amended, and all applicable rules and regulations. Also, Bidder and Bidder's subcontractors shall maintain a written sexual harassment policy that complies with the requirements of 775 ILCS 5/2-105 and shall comply with all other fair employment practices and equal employment opportunity/affirmative action requirements set forth in applicable state and federal laws and regulations.
  17. All services to be undertaken by Bidder shall be carried out by competent and properly trained personnel of Bidder to the highest standards and to the satisfaction of the Kendall County Sheriff's Office. All services, materials and components shall conform to relevant manufacturers' and equipment suppliers' specifications, and all materials and spare parts shall be obtained from the original equipment manufacturers or from suppliers approved by them. No warranties implied or explicit may be waived or denied.
  18. Neither party shall assign, sublet, sell, or transfer its interest in this Agreement without the prior written consent of the other.
  19. This Agreement shall be construed in accordance with the laws and Constitution of the State of Illinois and if any provision is invalid for any reason such invalidations shall not render invalid other provisions which can be given effect without the invalid provision. The parties agree that the venue for any legal proceedings between them shall be the Circuit Court of Kendall County Illinois, Twenty-Third Judicial Circuit, State of Illinois.
  20. In the event the Kendall County Sheriff's Office is in default under the Agreement because funds are not appropriated for a fiscal period subsequent to the one in which the Agreement was entered into which are sufficient to satisfy all or part of the Kendall County Sheriff's Office's obligations under this Agreement during said fiscal period, the Kendall County Sheriff's Office agrees to provide prompt written notice of said occurrence to Bidder. In the event of a default due to non-appropriation of funds, the Kendall County Sheriff's Office has the right to terminate the Agreement upon providing thirty (30) days written notice to Bidder. No additional payments, penalties and/or early termination charges shall be required upon termination of the Agreement.
  21. Any notice required or permitted to be given pursuant to this Agreement shall be duly given if sent by fax, certified mail, or courier service and received, in the case of notice to the County, to the County's Representative, Commander Jason Langston, 1102 Cornell Ln. Yorkville IL 60560, with copy sent to: Kendall County State's Attorney, 807 W. John Street, Yorkville, Illinois, 60560, fax (630) 553-4204. And, in the case of Bidder, to:
- 
-

22. Bidder certifies that Bidder, its parent companies, subsidiaries, and affiliates are not barred from entering into this Agreement as a result of a violation of either 720 ILCS 5/33E-3 or 5/33E-4 (Bid rigging or Bid rotating) or as a result of a violation of 820 ILCS 130/1 *et seq.* (the Illinois Prevailing Wage Act). Bidder further certifies by signing the Agreement, the Bidder, its parent companies, subsidiaries, and affiliates have not been convicted of, or are not barred for attempting to rig bids, price-fixing or attempting to fix prices as defined in the Sherman Anti-Trust Act and Clayton Act. 15 U.S.C. § 1 *et seq.*; and has not been convicted of or barred for bribery or attempting to bribe an officer or employee of a unit of state or local government or school district in the State of Illinois in that officer's or employee's official capacity. Also, by signing this Agreement, Bidder affirms that Bidder has not made any admission of guilt of such conduct which is a matter of record, nor has any official, officer, agent, or employee of the Bidder's company been so convicted nor made such an admission.
23. Both parties affirm no Kendall County officer or elected official has a direct or indirect pecuniary interest in Bidder or this Agreement, or, if any Kendall County officer or elected official does have a direct or indirect pecuniary interest in Bidder or this Agreement, that interest, and the procedure followed to effectuate this Agreement has and will comply with 50 ILCS 105/3.
24. In any action with respect to this Agreement, the parties are free to pursue any legal remedies at law or in equity. If Kendall County is required to take legal action to enforce performance of any of the terms, provisions, covenants and conditions of this Agreement, and by reason thereof, the County is required to use the services of an attorney, then Kendall County shall be entitled to reasonable attorneys' fees, court costs, and expenses incurred by the County pertaining thereto and in enforcement of any remedy, including costs and fees relating to any appeal.
25. Bidder Information Reporting Requirements. Pursuant to 35 ILCS 200/18-50.2, the County must collect and electronically publish certain data from all bidders and subcontractors doing business with the Kendall County Sheriff's Office. To comply with this statutory obligation, the Bidder agrees to provide the Kendall County Sheriff's Office with written answers to the following questions within ten (10) business days after the parties' execution of this Agreement:
1. Is the Bidder and/or any of the Bidder's subcontractors a minority-owned, women-owned, or veteran-owned business, as defined in the Business Enterprise for Minorities, Women, and Persons, with Disabilities Act? If so, please describe.
  2. If the answer to Question (1) is "yes", does the Bidder and/or any of the Bidder's subcontractors hold any certifications for those categories or are they self-certifying? If the entity holds any certifications, please describe with sufficient detail each certification received.
  3. If the Bidder and/or the Bidder's subcontractors self-certify, do they qualify as a small business under the federal Small Business Administration standards?
26. Bidder and its consultants, employees, contractors, subcontractors, and agents agree to comply with all provisions of the Substance Abuse Prevention on Public Works Act, 820 ILCS 265/1 *et seq.* and the Illinois Drug Free Workplace Act, 30 ILCS 580/1 *et seq.*
27. The Kendall County Sheriff's Office and/or Bidder's waiver of any term, condition, or covenant or breach of any term, condition, or covenant, shall not constitute a waiver of any other term, condition, or covenant, or the breach thereof.

28. Bidder warrants to the Kendall County Sheriff's Office that all services provided shall be performed in a good workman like manner, in accordance with the terms of the contract documents, and all applicable law, codes, regulations, and other requirements, including safety standards.
29. It is understood and agreed to by the parties that all contracts entered into by a government body, such as the Kendall County Sheriff's Office, are open to public review and may be discussed in open session pursuant to the Illinois Open Meetings Act (5 ILCS 120/1 *et seq.*) and/or may be released pursuant to the Illinois Freedom of Information Act (5 ILCS 140/1 *et seq.*), any other applicable state or federal law, and/or pursuant to subpoena and/or court order.
30. This Agreement may be executed in counterparts (including facsimile signatures), each of which shall be deemed to be an original and both of which shall constitute one and the same Agreement.
31. The Kendall County Sheriff's Office and the Bidder each hereby warrant and represent that their respective signatures set forth below have been and are on the date of this Agreement duly authorized by all necessary and appropriate corporate and/or governmental action to execute this Agreement. Furthermore, Bidder hereby affirms that Bidder is legally authorized to transact business in the State of Illinois.

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# SECTION 5: PROJECT SPECIFICATIONS

## **PROJECT SCOPE:**

The Kendall County Sheriff's Office has issued this ITB for the sole purpose of obtaining responsive proposals from qualified individuals or firms to establish a contract, through competitive negotiation, for the procurement of services and/or supplies as set forth herein.

Only bidders who have demonstrated the ability to provide the requested products and services, at competitive rates, with timely delivery of services, and abiding by policies/procedures of government customers of comparable size will be considered for award of contract.

All requests, responses, inquiries, and ultimate final negotiations will be conducted by the Kendall County Sheriff, or designee, all subject to final agreement by the Bidder, Kendall County and the Kendall County Sheriff.

Bidders will provide itemized pricing sheets and specs for all products in the proposal. Bidders will include any recommendations or suggestions for alternate items which will improve efficiency or effectiveness of operations.

### **Equipment to be purchased:**

**\*The following list is not necessarily all inclusive and vendors may change based on KCSO needs and equipment availability. Bidders may only propose Getac tablets and in-car A/V systems and body cameras due to existing infrastructure.**

Getac tablet  
Getac camera system  
Cradle Point/Wifi Hub and antenna  
Brother Printer for roll paper (8.5" width)

**TAX EXEMPT STATUS:** Kendall County is exempt from federal excise and transportation taxes. Kendall County is also exempt from payment of Illinois Sales Tax. TAX EXEMPTION IDENTIFICATION NUMBER: E9995-9003-07. The Kendall County Sheriff's Office agrees to notify Bidder promptly in the event of a change in its tax-exempt status.

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# SECTION 6: BID FORMS

## EXHIBIT A — BID SUBMISSION COVER SHEET

ITB Number & Name \_\_\_\_\_

Bidder Name (printed): \_\_\_\_\_

Address: \_\_\_\_\_ City, State, Zip: \_\_\_\_\_

Bid Clarification Contact Person: \_\_\_\_\_ Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

State of Incorporation: \_\_\_\_\_ Entity Type: \_\_\_\_\_

Federal Employer Identification Number (FEIN): \_\_\_\_\_

**Any individual signing below hereby certifies they are an authorized representative of Bidder and that:**

1. Bidder understands and accepts the requirements of this ITB and all Bidding Documents. By submitting a Bid, Bidder agrees to be bound by all requirements and terms and conditions set forth in the Bidding Documents.
2. Bidder acknowledges receipt of any and all Addenda to this ITB.
3. Bidder certifies all contents of the Bid (including any other forms or documentation, if required under the Bid Documents), and this Bid Submission Cover Sheet are truthful and accurate and have been prepared independently from all other Bidders, and without collusion, fraud, or other dishonesty.
4. Subject to acceptance by a majority vote of the **Kendall County Board**, the Bidder acknowledges that by submitting this Bid offer and signing in the space below, the Bidder is contractually obligated to comply with all items in the Bidding Documents.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
(Printed Name and Title)

\_\_\_\_\_  
Email Address

# EXHIBIT B - BID FORM

## KENDALL COUNTY SHERIFF'S OFFICE POLICE INTERCEPTOR UPFIT CONTRACT PROPOSAL

**BID OPENING: 03/13/2023.**

BIDDER'S NAME: \_\_\_\_\_

SUBMITTED BY: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### BID PRICE

**TOTAL – BASE BID** (cost per vehicle for all equipment and hardware) \$ \_\_\_\_\_

**Include an itemized list of emergency equipment to this bid form which includes per unit pricing and any volume price breaks if applicable.**

The undersigned hereby agrees to provide the vehicle upfit services as set forth in the Bidding Documents for the total bid price of:

By initialing below, the undersigned hereby certifies all of the following in accordance with applicable state and federal law:

**COMPLIANCE WITH ILLINOIS DRUG FREE WORKPLACE ACT:** The undersigned, having 25 or more employees, does hereby certify pursuant to section 3 of the Illinois Drug Free Workplace Act (30 ILCS 580/3) that it shall provide a drug-free workplace for all employees engaged in the performance of the work under the contract by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certifies, that it is not ineligible for award of this contract by reason of debarment for a violation of the Illinois Drug-Free Workplace Act.

\_\_\_\_\_ (Initials)

**COMPLIANCE WITH THE ILLINOIS HUMAN RIGHTS ACT:** The undersigned does hereby certify pursuant to Section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) that it has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Illinois Department of Human Rights and Human Rights Commission; (vi) direction on how to contact the Illinois Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.

The undersigned also further certifies that, pursuant to Section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105), it has a written equal employment opportunity policy that is in compliance with all terms and conditions of the Equal Employment Opportunity provisions of the Illinois Human Rights Act. \_\_\_\_\_ (Initials)

**CERTIFICATION REGARDING BIDDER ELIGIBILITY:** The undersigned does hereby certify that it has not been barred from bidding on a public contract as a result of a violation of either Section 33E-3 (Bid-rigging) or Section 33E-4 (Bid rotating) of the Illinois Criminal Code, contained in Chapter 38 of the Illinois Revised Statutes. \_\_\_\_\_ (Initials)

**NON-COLLUSION AFFIDAVIT:** The undersigned's completed Non-Collusion Affidavit is attached to this Bid Form.

*This Bid Form and all attachments are respectfully submitted this \_\_\_\_\_ day of \_\_\_\_\_, 2023.*

Bidder's Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Facsimile Number: \_\_\_\_\_

Email Address: \_\_\_\_\_ Website: \_\_\_\_\_

Type of Business Organization: (*Check the box that applies*)

- Sole Proprietor
- Corporation
- LLC
- Partnership
- Limited Partnership
- Other: \_\_\_\_\_

Signature of Authorized Representative: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Attested by: \_\_\_\_\_

Title: \_\_\_\_\_

# EXHIBIT C - NON-COLLUSION AFFIDAVIT

*(Complete and Submit with Bid Form)*

STATE OF \_\_\_\_\_ )  
 ) ss  
COUNTY OF \_\_\_\_\_ )

\_\_\_\_\_, being duly sworn, says that  
he/she is \_\_\_\_\_ of  
\_\_\_\_\_ (sole owner, member of firm, corporate official)  
(individual, firm or corporate name)

which has by the enactment of this document affirmed that he/she, in the preparation of the Bid estimates, has not entered into any verbal and/or written agreement with any of the other bidders or their agents for the specific purpose of fixing bid estimates to benefit him/herself or the firm he/she represents.

The undersigned Bidder further certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, or any unit of government in the State of Illinois, nor has the Bidder made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the Bidder committed bribery or attempted bribery on behalf of the Bidder and pursuant to the direction or authorization of a responsible official of the Bidder.

The undersigned Bidder further certifies that it is not barred from bidding on this contract as a result of a conviction for the violation of state laws prohibiting bid-rigging or bid-rotating.

Printed Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Signature: \_\_\_\_\_

Subscribed and sworn to me this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

\_\_\_\_\_  
Notary Public  
(seal)

# EXHIBIT D – BIDDER’S PROFESSIONAL REFERENCES

*(Complete and Submit with Bid Form)*

As part of their Bid package, the Bidder must provide at least three (3) professional/client references for services the Bidder has performed within the past five (5) years that are similar in size, scope, and type of

## Reference #1:

Professional Reference Name: \_\_\_\_\_

Contact Person’s Name: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Facsimile Number: \_\_\_\_\_

Mailing Address: \_\_\_\_\_ Email: \_\_\_\_\_

Description and date(s) of services: \_\_\_\_\_

\_\_\_\_\_

## Reference #2:

Professional Reference Name: \_\_\_\_\_

Contact Person’s Name: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Facsimile Number: \_\_\_\_\_

Mailing Address: \_\_\_\_\_ Email: \_\_\_\_\_

Description and date(s) of services: \_\_\_\_\_

\_\_\_\_\_

## Reference #3:

Professional Reference Name: \_\_\_\_\_

Contact Person’s Name: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Facsimile Number: \_\_\_\_\_

Mailing Address: \_\_\_\_\_ Email: \_\_\_\_\_

Description and date(s) of services: \_\_\_\_\_

\_\_\_\_\_

# Getac

Video Solutions

## VR-X20

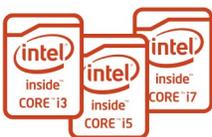
Keeping you connected.



You don't get to choose where the job takes you, but you can choose the equipment you bring with. The Getac Video Solutions VR-X20 DVR captures the highest video quality and ensures connectivity, even in the most extreme conditions.

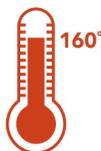
The VR-X20 acts as a powerful real-time gateway. It merges video and data from multiple sources at once and enables multi-tasking, quick response time and trusted in-field intel from the command center. The VR-X20 captures multiple camera sources simultaneously to high-performance, solid-state storage, so you can trust that you have the whole picture, not just one side of the story.

As an added bonus, with the VR-X20 you can use your body-worn camera as a microphone to reduce the number of devices you need to carry and manage.



### Speed for Multi-Tasking

The VR-X20 can be configured with either the latest Intel® Core™ i3, i5 or i7 processor, delivering an amazing level of CPU performance.



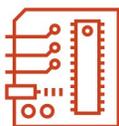
### Powerful, Yet Efficient

Run at 100% capacity at 160 degrees F temperatures



### Backup Battery

Powerful backup battery keeps you fully functional in case of vehicle collision or dead battery.



### Purpose Built Configuration

The VR-X20 no-compromise configurable options, provide you with a truly "purpose-built" tool for more successful implementations.



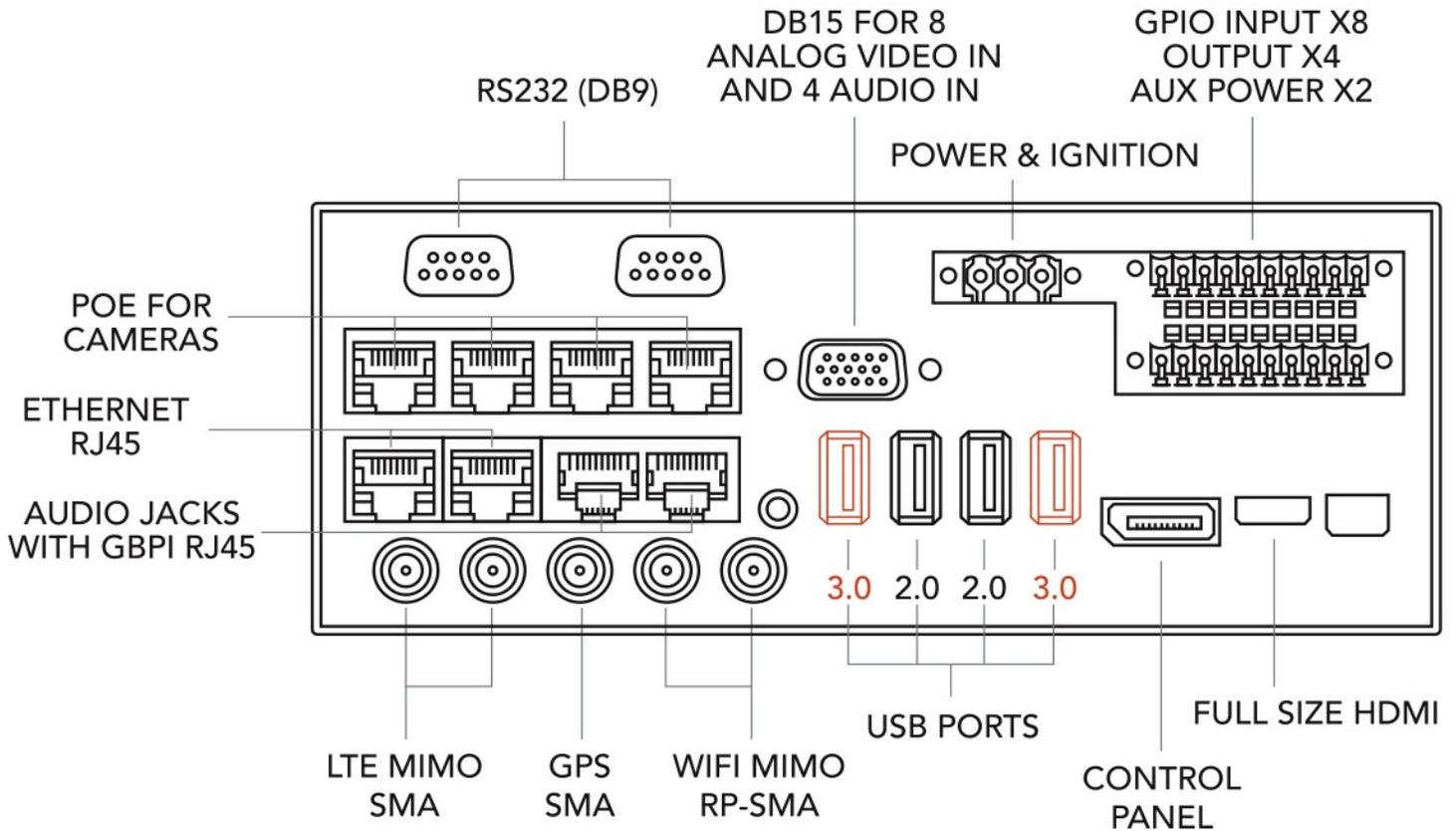
### Dodge Charger U-Connect Compatible

The VR-X20 is validated to work with Dodge Charger Displays.



### LTE

Full LTE integration for a total and true all-in-one platform.



#### CPU:

Intel® Core i3-7100H 3.0GHz processor

Intel® Core i5-7300HQ 2.5GHz processor with Turbo Boost Technology up to 3.5GHz

Intel® Core™ i7-7700HQ 2.8GHz processor with Turbo Boost Technology up to 3.8GHz

#### Memory:

4GB / 8GB / 16GB

#### Storage:

128GB<sup>+</sup> / 256GB / 512GB / 1TB SSD<sup>+</sup> PCIe only

#### VGA Controller:

Intel® HD Graphics 630

#### Communications:

802.11ac WiFi

Optional LTE (Standard with i7)

GPS

#### I/O Interfaces:

2x RS232 (DB9)

4x POE top row RJ45

2x Ethernet RJ45 (bottom row two on left)

2x Audio jacks with GBPI RJ45 (bottom two right)

1x DB15 for 8 analog video in and 4 audio in

2x USB 2

2x USB 3

1x Display Port

1x Full Size HDMI

8x GPIO Input

4x Output

2x Aux Power

1x GPS SMA

2x WIFI MiMo RP-SMA

2x LTE MiMo SMA (Optional)

Standard and optional features vary depending on purchased configuration and options selected. Specifications subject to change without notice.

# ZeroDark™ HD Dual Lens Camera

## Rotating Secondary Camera

**Getac**  
VIDEO SOLUTIONS

Getac's new Dual Lens Camera provides superior recording in all conditions while minimizing the necessary footprint in your vehicle. The compact camera uses line-by-line technology and combines an ultra-wide, 180° lens with a narrow 70° lens. This gives you the ability to see things that one camera simply cannot.



Dash Mounted



Rotating Camera



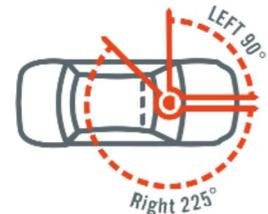
### Top Camera FoV (Diagonal)

The ultra-wide top lens provides a 180° field of view and allows you to get the full picture of events in the front of the vehicle.



### Bottom Camera FoV (Diagonal)

The bottom 70° lens gives you more detail by focusing on a smaller area.



### Total Rotation Range

When you add the wide angle of the top camera with the flexible rotation of the bottom camera, you can get a viewing angle of 360° around the vehicle, with 250° of potential coverage. Combine this with the footage from the body worn camera and you'll have maximum coverage.



### True HD

Capable of 1080p Full HD and High Dynamic Range (HDR), the ZeroDark HD Dual Lens Camera delivers a panoramic view with stunning detail and balance.



### Low Light Viewing

Both cameras have exceptional low light performance and are capable of capturing clear detail with low-light, ambient or indirect illumination. The ultra-wide top camera captures detail at .03 Lux (color) and the bottom camera captures even greater detail down to .001 Lux (B/W).



### Compact Design

A smaller profile combined with our new mount keeps the camera close to the windshield for less in-car clutter.

# SPECIFICATIONS

**Video Output Format:** H.264  
**Video Output Resolution:** 1920x1080(FHD), 1280x720(HD)  
**Video Output Frame Rate:** 30 fps  
**FOV (Field of View):** 140° (Horizontal) / 180° (Diagonal)  
**Additional Features:** Rotating Secondary Camera with the potential for 360° range of capture.  
**Connectivity Interface:** POE, Ethernet  
**Operating Temp:** -30° to 60 °C (-22° to 140° F)  
**Dimensions (W x D x H):** 2.5"(64mm) x 2.3"(55m) diameter  
**Weight:** 0.45lb (203.1g)  
**Rugged:** MIL-STD-810H  
**Internal Storage:** 24GB  
**Mount Options:** Mounting Arm  
**Warranty:** 1 Year Standard limited warranty\*. Extended plans available.

---

## TOP CAMERA

**Focal Length:** 2.33mm  
**FOV:** 145° (H) 76° (V)  
**Position:** Fixed  
**View Type:** Panoramic  
**LUX:** Color 0.03

## BOTTOM CAMERA

**Focal Length:** 6mm  
**FOV:** 56° (Horizontal) 70° (Diagonal)  
**Position:** Rotatable (Left 90°/Right 225°)  
**View Type:** Panoramic  
**LUX:** B/W 0.001, nighttime low-light recording

Specifications subject to change.

Custom options are available based on customer specifications.

For warranty terms and conditions, visit [www.getacvideo.com](http://www.getacvideo.com)

Patented and Patent Pending.

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# A140 FULLY RUGGED TABLET



- 14" FHD / HD LumiBond® display with Getac sunlight readable technology for unprecedented viewing experience
- Dual battery design with LifeSupport™ battery swappable technology
- Enhanced security with TPM 2.0, RFID/NFC and fingerprint scanner
- Optional 1D/2D imager barcode reader and RFID
- Multi-function hard handle, hand straps and shoulder straps and slim-profile vehicle dock for maximum mobile productivity



A140 3D demo



# SPECIFICATIONS

## Operating System

Windows 10 Pro<sup>i</sup>  
Windows 11 Pro

## Mobile Computing Platform

Intel® Core™ i5-10210U Processor 1.6GHz  
Max. 4.2GHz with Intel® Turbo Boost  
Technology  
- 6MB Intel® Smart Cache

## Platform options:

Intel® Core™ i5-10310U, vPro Processor 1.7GHz  
Max. 4.4GHz with Intel® Turbo Boost  
Technology  
- 6MB Intel® Smart Cache

Intel® Core™ i7-10510U Processor 1.8GHz  
Max. 4.9GHz with Intel® Turbo Boost  
Technology  
- 8MB Intel® Smart Cache

Intel® Core™ i7-10610U vPro Processor 1.8GHz  
Max. 4.9GHz with Intel® Turbo Boost  
Technology  
- 8MB Intel® Smart Cache

## VGA Controller

Intel® UHD Graphics

## Display

14" TFT LCD HD (1366 x 768)  
Protection film  
1,000 nits LumiBond® display with Getac  
sunlight readable  
technology  
Capacitive multi-touch screen

Optional: 14" Wide Viewing Angle TFT LCD FHD  
(1920 x 1080)  
800nits LumiBond® display with Getac sunlight  
readable  
technology and capacitive multi-touch screen

## Storage & Memory

8GB DDR4  
Optional: 16GB / 32GB DDR4  
256GB PCIe NVMe SSD  
Optional: 512GB / 1TB PCIe NVMe SSD

## Keyboard

Power button  
7 tablet programmable buttons

## Pointing Device

Touchscreen  
- Capacitive multi-touch screen

## Expansion Slots

Optional: 1D/2D imager barcode reader  
Optional: Serial port, or HF RFID, or Fingerprint  
scanner, or HF RFID + Fingerprint scanner

## I/O Interface

Audio in/out combo x 1  
DC in Jack x 1  
USB 2.0 x 1  
USB 3.2 Gen 2 Type-A x 1  
USB 3.2 Gen 1 Type-C x 1  
HDMI 1.4 x 1  
LAN(RJ45) x 1  
Docking connector x 1  
Optional: FHD webcam x 1  
Optional: SIM card slot x 1 (Micro-SIM, 3FF)<sup>iv</sup>  
Optional: RF antenna pass-through for GPS,  
WWAN and WLAN  
Optional: 8M pixels auto focus rear camera x 1

## Communication Interface

10/100/1000 base-T Ethernet x 1  
Intel® Wi-Fi 6 AX201, 802.11ax  
Bluetooth (v5.2)<sup>ii</sup>  
Optional: Dedicated GPS<sup>iii</sup>  
Optional: 4G LTE mobile broadband<sup>iv</sup>

## Security Feature

TPM 2.0  
Kensington lock  
Optional: HF RFID  
Optional: Fingerprint reader  
Smart card reader

## Power

AC adapter (65W, 100-240VAC, 50/60Hz)  
Li-ion battery (10.8V, typical  
3220mAh; min. 3120mAh) x 2  
LifeSupport™ battery swappable technology

## Dimension (W x D x H) & Weight

369 x 248 x 32.5mm (14.58" x 9.76" x 1.279")  
2.3kg (5.07lbs)<sup>v</sup>

## Rugged Feature

MIL-STD-810H certified  
IP65 certified  
MIL-STD-461G certified<sup>vi</sup>  
Vibration & 4ft (1.2m) drop resistant<sup>vii</sup>  
Optional: ANSI / ISA 121201<sup>ix</sup>

## Environmental Specification

Temperature<sup>viii</sup>  
- Operating: -29°C to 63°C / -20°F to 145°F  
- Storage: -51°C to 71°C / -60°F to 160°F  
Humidity:  
- 95% RH, non-condensing

## Pre-installed Software

Getac Utility  
Getac Camera  
Getac Geolocation  
Getac Barcode Manager<sup>x</sup>  
Getac Driving Safety Utility (trial version)  
Optional: Absolute Persistence<sup>®</sup>

## Optional software

Getac Driving Safety Utility  
Getac KeyWedge Barcode Reader Utility  
Getac Device Monitoring System (GDMS)  
Getac VGPS Utility<sup>xi</sup>

# A140 FULLY RUGGED TABLET

## Accessories

Battery (10.8V, typical 3220mAh; min.  
3120mAh)  
AC adapter (65W, 100-240VAC)  
Capacitive stylus with tether

## Optional:

Carry bag  
Battery (10.8V, typical 3220mAh; min.  
3120mAh)  
Multi-Bay charger (Dual-Bay)  
Multi-Bay charger (Eight-Bay)  
AC adapter (65W, 100-240VAC)  
Office dock AC adapter (90W, 100-240VAC)  
MIL-STD-461 AC adapter (90W, 100-240VAC)  
DC-DC vehicle adapter (120W, 11-32VDC)  
Capacitive stylus with tether  
Protection film  
Rotating hand strap with kickstand  
Rubber hand strap  
Shoulder strap (2-point)  
Shoulder harness (4-point; handsfree)  
Vehicle cradle<sup>xii</sup>  
Vehicle dock<sup>xii</sup>  
Office dock  
100W Type-C adapter  
Getac rugged keyboard

## Bumper-to-Bumper Warranty

Accidents can take your equipment out of service when you least expect it, especially in a rugged environment, which can cause costly equipment downtime.

That is why Getac has introduced accidental damage as standard under our Bumper-to-Bumper warranty, to help minimize your enterprise IT costs. Bumper-to-Bumper is your hassle-free guarantee. That means you can depend on us to have your unit back in service within days.

## Standard

3 years Bumper-to-Bumper

- I. Windows 10 Pro is a Windows 11 Pro downgrade license. From 14th October 2025, Windows 10 is going to End of Service. Windows 10 will not be upgradable to Windows 11 and will no longer be eligible to receive Microsoft security updates.
- II. Bluetooth performance and connectable distance may be subject to interference with the environments and performance on client devices, users may be able to reduce effects of interference by minimizing the number of active Bluetooth wireless devices that is operating in the area.
- III. Supports GPS and Glonass.
- IV. Units with 4G LTE option comes with an embedded SIM card slot.
- V. Weight varies from configurations and optional accessories.
- VI. MIL-STD-461 90W AC adapter sold separately.
- VII. Drop test results vary from configurations and optional accessories.
- VIII. Tested by an independent third-party test lab following MIL-STD-810H.
- IX. Available with limited configurations and environment conditions.
- X. Available when barcode reader option is selected.
- XI. Models require either embedded or standalone GPS module.
- XII. Gamber Johnson and Havis vehicle docks are e-mark certified.

Information provided herewith is for reference only, available specification shall be subjected to quotation by request.

|                      | Vehicle Dock        | Office Dock |
|----------------------|---------------------|-------------|
| Serial Port          | 1                   | 1           |
| External VGA         | 1                   | -           |
| Display Port         | -                   | 1           |
| Microphone           | 1                   | 1           |
| Audio Output         | 1                   | 1           |
| DC in Jack           | 1                   | 1           |
| USB                  | 4                   | 3           |
| LAN                  | 1                   | 1           |
| HDMI 1.4             | 1                   | 1           |
| RF Antenna Connector | 3 (WWAN, WLAN, GPS) | -           |
| Printer Port         | -                   | 1           |

# Getac



Getac USA

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is for reference only, available specification shall be  
subjected to quotation by request.

## Data Sheet

# IBR900 Series Ruggedized Router

2023 - 02 - 16

The Cradlepoint IBR900 Series Router is a ruggedized, Gigabit-Class LTE networking platform. It is designed for persistent connectivity across a wide range of in-vehicle and mobile applications as well as portable or fixed IoT installations. The IBR900 Series is available with either Mobile or IoT NetCloud Service plans, which provide features optimized for the differing deployments.

## High Performance Mobile Connectivity

For organizations that depend on field forces and mobile networks, the Cradlepoint IBR900 Series Router with the NetCloud Mobile service plan provides a ruggedized GPS-enabled, in-vehicle network solution. When coupled with the Advanced Mobile service plan, it provides threat management, web filtering, application visibility, analytics, and advanced GPS functionality including location tracking and cellular coverage maps. The IBR900 accommodates environmentally harsh environments while delivering enterprise-class standards of reliability, scalability, comprehensive management, and security.

## Ruggedized IoT Solution

When coupled with the NetCloud Ruggedized IoT service plan, the IBR900 provides a compact, ruggedized, 4G LTE router solution for connecting and protecting IoT devices at scale. It is ideal for IoT deployments including oil and gas monitoring, Smart City infrastructure, and other IoT deployments operating under harsh conditions. With an extensive list of safety and hardening certifications, it can be confidently deployed in the field, in buildings, or in embedded systems to deliver complete visibility, security, and control of connected devices anywhere.

## Notable Benefits

- Define policies through centralized cloud-based management for easy deployment at scale.
- Gain fast, reliable connectivity with an embedded Cat 11 or Cat 18 LTE modem.
- Add a second cellular modem for simultaneous dual-carrier LTE connectivity.
- Prioritize access on public safety networks for reliable, secure connectivity.
- Deploy Wave 2 dual-band, dual-concurrent, Gigabit Wi-Fi for the best possible connections.
- Integrate into Automatic Vehicle Location (AVL) systems with Active GPS.
- Provide a ruggedized solution to endure harsh environments.
- Configure GPIO ports for IoT and vehicle integrations.

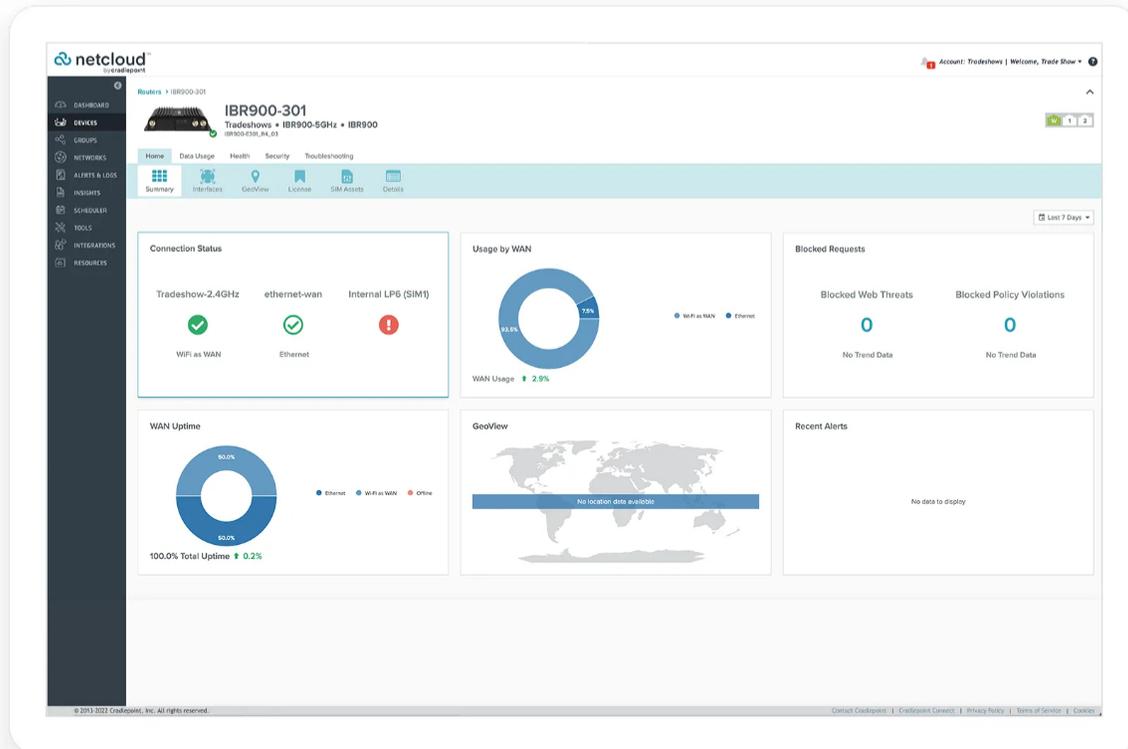


## Key Software Capabilities

Cradlepoint NetCloud Service for the IBR900 provides everything needed to unlock the power of LTE and connect vehicles, users, and IoT to critical applications and services. The available NetCloud IoT or Mobile service plans include the appropriate router software with powerful cloud management features for managing IoT at scale, or mobile-specific features like coverage maps, and application aware analytics. Everything within NetCloud works together, making it easy to deploy, connect, and secure edge applications at scale across the organization.

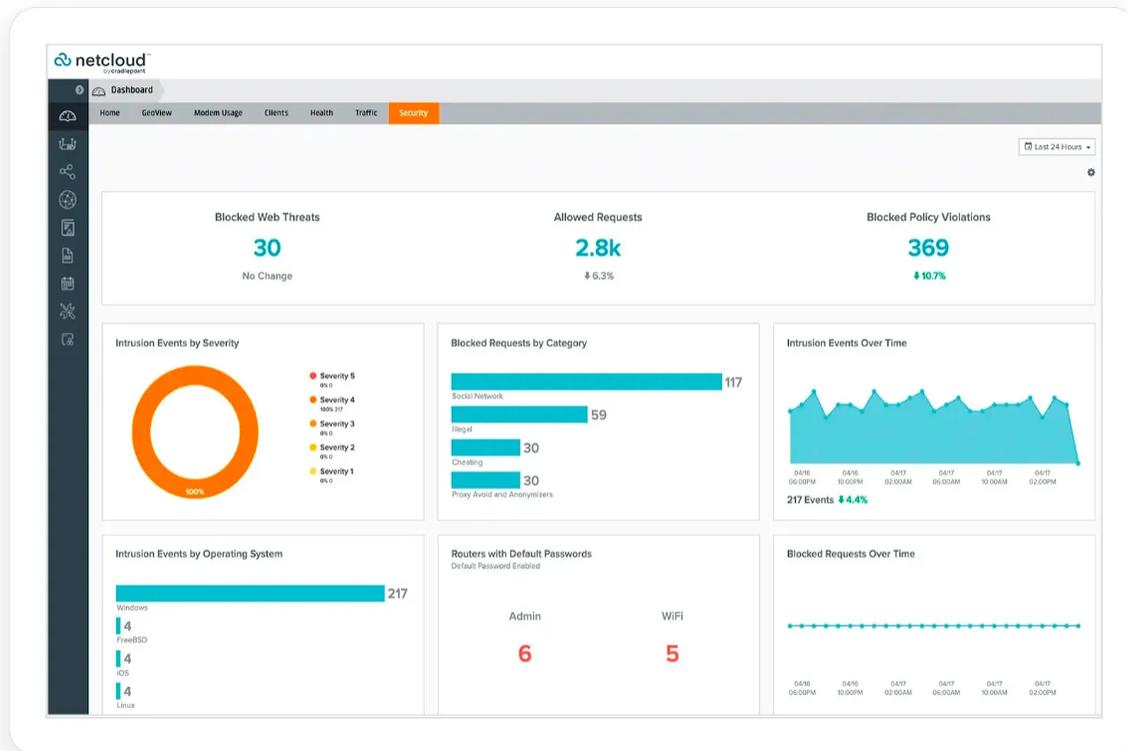
## Router Services

Next generation hardware provides local processing power to handle demanding router-delivered services, such as support for VPN tunneling encryption including DMVPN, IPsec, GRE, and other tunneling technologies.



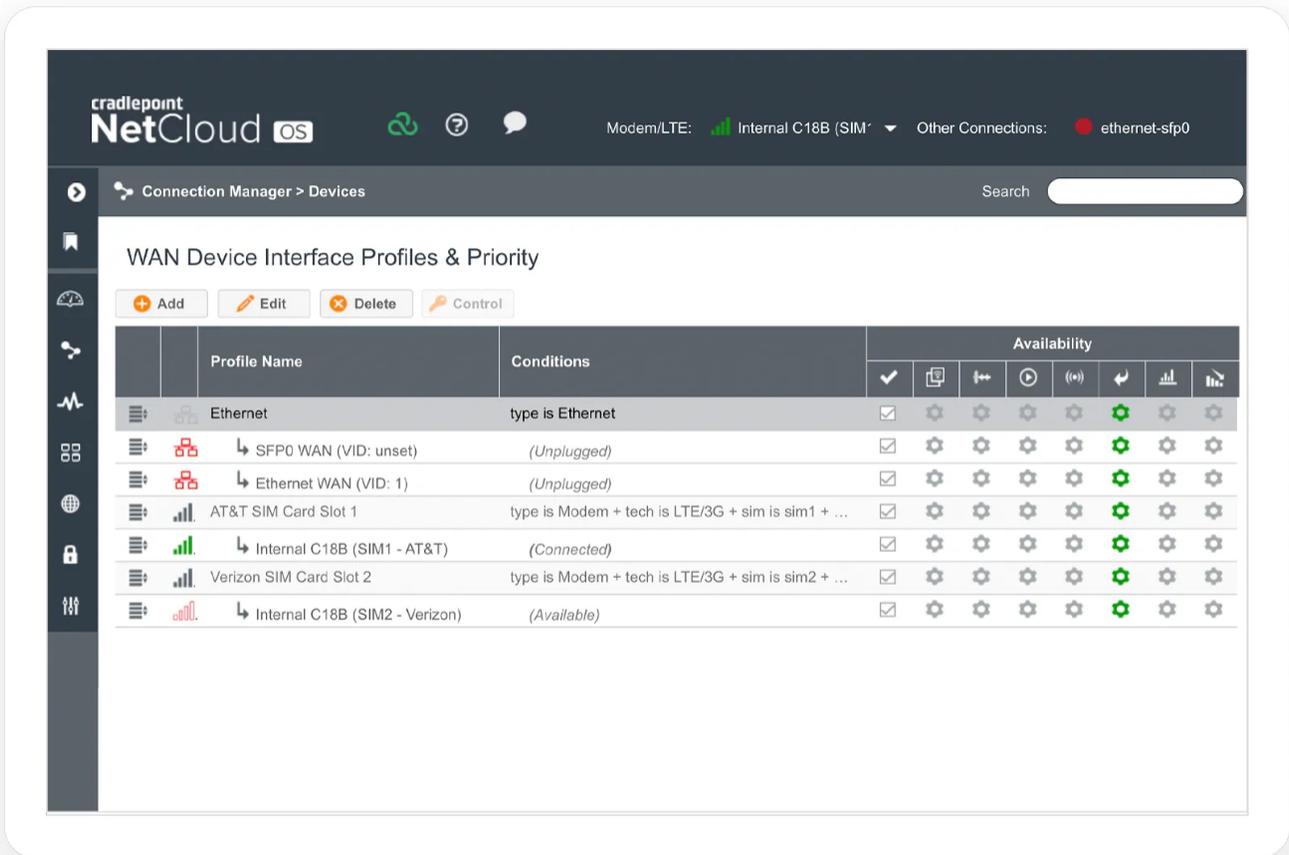
## Security Services

NetCloud Service includes security features and options to optimize the IBR900 to meet the evolving security needs of mobile and IoT environments. The service includes stateful zone-based firewall with the ability to add application aware security policies with the Advanced Mobile service plan.



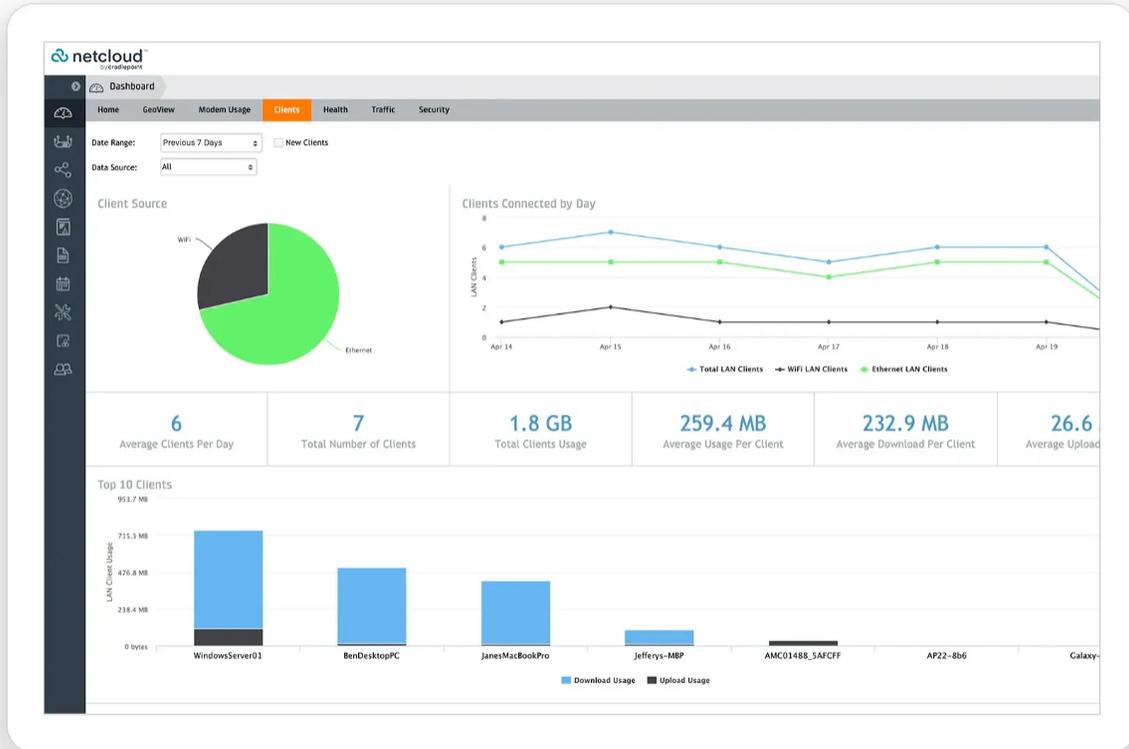
## Connection Manager

Connection Manager provides the ability to manage all WAN connections types including wireless, Wi-Fi as WAN, and wired, from a single software-defined policy. Our custom-built modem software ensures users establish Wireless WAN connectivity faster while maintaining the highest level of resiliency.



## Cloud Services

NetCloud Manager delivers true zero-touch deployment with the ability to define and deliver policy across entire groups of endpoints. Users can create a cloud-orchestrated hub and spoke VPN network and gain insights and analytics required for rapid troubleshooting and diagnostic workflows. Support operations with real time location services and vehicle information.



## Hardware Specifications

The following features are delivered through the hardware.

### INTERFACES

**Modem:**

One of the following:

- Embedded 1200M-B modem
  - 2 x SMA cellular antenna connectors
- Embedded 600M modem
  - 2 x SMA cellular antenna connectors

Optional dual modem (requires the the COR Extensibility Dock):

- Modular MC400 Modem

**Ethernet:**

2 x GbE (LAN/WAN switchable)

|                                  |  |
|----------------------------------|--|
| <b>Wi-Fi:</b>                    | Dual-radio, dual-band, concurrent operation (2.4 GHz and 5 GHz) <ul style="list-style-type: none"> <li>— 2x2 MU-MIMO 802.11ac Wave 2 (Wi-Fi 5) and 256 QAM support</li> <li>— Modes: AP, Wireless Client, and Wi-Fi as WAN</li> <li>— 574 Mbps (2.4 GHz) and 1,200 Mbps (5 GHz)</li> <li>— 2 x RP-SMA Wi-Fi antenna connectors</li> <li>— WPA/WPA2/WPA3 Personal, WPA2/WPA3 Enterprise, WEP Auto, Open</li> <li>— 802.11k (AP mode only), 802.11v</li> </ul> |
| <b>Expansion:</b>                | 1 x USB 2.0 Type A (output: 5V, 500mA, 2.5W)<br><br>1 x Extensibility Port <ul style="list-style-type: none"> <li>— Extensibility Dock</li> <li>— 9-Wire Power and GPIO Cable</li> <li>— Serial Port Adapter</li> </ul>  |
| <b>GNSS/GPS:</b>                 | 1 x SMA GNSS antenna connector   |
| <b>ENVIRONMENTAL</b>             |  |
| <b>Temperature:</b>              | <ul style="list-style-type: none"> <li>— Operating: -30 °C to 70 °C (-22 °F to 158 °F)</li> <li>— Storage: -40 °C to 85 °C (-40 °F to 185 °F)</li> </ul>   |
| <b>Humidity:</b>                 | <ul style="list-style-type: none"> <li>— Operating: 5% to 95%</li> <li>— Storage: 5% to 95%</li> </ul>   |
| <b>Ingress Protection:</b>       | IP54 (dust protected and splashing water)  |
| <b>PHYSICAL</b>                  |  |
| <b>Size:</b>                     | 118 x 114 x 30 mm (4.6 x 4.5 x 1.2 in)   |
| <b>Weight:</b>                   | 400 g (14 oz)  |
| <b>CERTIFICATIONS</b>            |  |
| <b>Safety:</b>                   | UL/cUL, CB Scheme, EN 60950-1, EN 62368-1, E-Mark  |
| <b>Materials:</b>                | WEEE, RoHS, RoHS-2, California Prop 65   |
| <b>Security:</b>                 | FIPS 140-2 Inside (FIPS models only)   |
| <b>Shock/Vibration/Humidity:</b> | MIL STD 810G and SAE J1455   |
| <b>Hazardous Locations:</b>      | Class 1 Div 2 (IBR900-600M NA only)  |
| <b>POWER</b>                     |  |
| <b>Required:</b>                 | One of the following: <ul style="list-style-type: none"> <li>— 9-33 VDC steady state input (vehicle installations with 9-24 VDC requires 3A inline fuse, &gt;24 VDC requires 2.5A fuse)</li> <li>— External DC power supply, 100-240 VAC input, 12 VDC 2A output (included)</li> <li>— External DC power supply, 100-240 VAC input, 12 VDC 3A or 5.5A output (optional)</li> </ul>   |
| <b>Features:</b>                 | <ul style="list-style-type: none"> <li>— Reverse polarity and transient voltage protection (ISO 7637-2)</li> <li>— Ignition sensing (automatic ON &amp; time-delay OFF)</li> </ul>   |

|  |  |
|--|--|
| <b>Consumption:</b>  | <ul style="list-style-type: none"> <li>— Idle: 4 W</li> <li>— LTE Tx/Tx: 6.25 W</li> <li>— Wi-Fi Tx/Rx: 9 W</li> </ul>   |
| <b>WI-FI POWER</b>   |  |
| <b>FCC:</b>  | <ul style="list-style-type: none"> <li>— 2.4 GHz: 18 dBm conducted</li> <li>— 5150–5250 MHz: 32.94 dBm conducted</li> <li>— 5250–5350 MHz: 29.90 dBm conducted</li> <li>— 5470–5725 MHz: 30.00 dBm conducted</li> <li>— 5725–5850 MHz: 32.81 dBm conducted</li> </ul>    |
| <b>IC:</b>   | <ul style="list-style-type: none"> <li>— 2.4 GHz: 33.14 dBm conducted</li> <li>— 5150–5250 MHz: 25.74 dBm conducted</li> <li>— 5250–5350 MHz: 25.84 dBm conducted</li> <li>— 5470–5725 MHz: 29.82 dBm conducted</li> <li>— 5725–5850 MHz: 32.81 dBm conducted</li> </ul> |
| <b>Europe:</b>   | <ul style="list-style-type: none"> <li>— 2.4 GHz: 19.93 dBm conducted</li> <li>— 5150–5250 MHz: 22.76 dBm conducted</li> <li>— 5250–5350 MHz: 22.92 dBm conducted</li> <li>— 5500–5700 MHz: 29.08 dBm conducted</li> </ul>   |
| <b>Australia/New Zealand:</b>  | <ul style="list-style-type: none"> <li>— 2.4 GHz: 19.93 dBm conducted</li> <li>— 5150–5250 MHz: 22.98 dBm conducted</li> <li>— 5250–5350 MHz: 22.98 dBm conducted</li> <li>— 5500–5700 MHz: 29.82 dBm conducted</li> <li>— 5475–5825 MHz: 32.81 dBm conducted</li> </ul> |
| <b>PERFORMANCE</b>   |  |
| <b>Stateful Firewall Throughput:</b>   | 940 Mbps   |
| <b>IPsec VPN Throughput:</b>   | 20 Mbps  |
| <b>Concurrent VPN Tunnels:</b>   | 10   |
| <b>Concurrent Sessions (TCP):</b>  | 16,000   |
| <b>Typical Client Count:</b>   | 10 <sup>†</sup>  |
| <b>LEDs</b>  |  |
| Refer to the <a href="#">IBR900 Series Ruggedized Router Quick Start Guide</a> |  |

Performance testing conducted based on requirements as defined in RFC2544 using fixed-frame 1518 byte packets. Throughput results reflect uni-directional UDP traffic with less than 1% packet loss as tested with wired connections. Results do not reflect performance of the cellular wireless operator networks.†When Cradlepoint Secure Threat Management or Applications Analytics are enabled in NetCloud Manager, the client count is reduced to 5.

## Enterprise-Class Modem Specifications

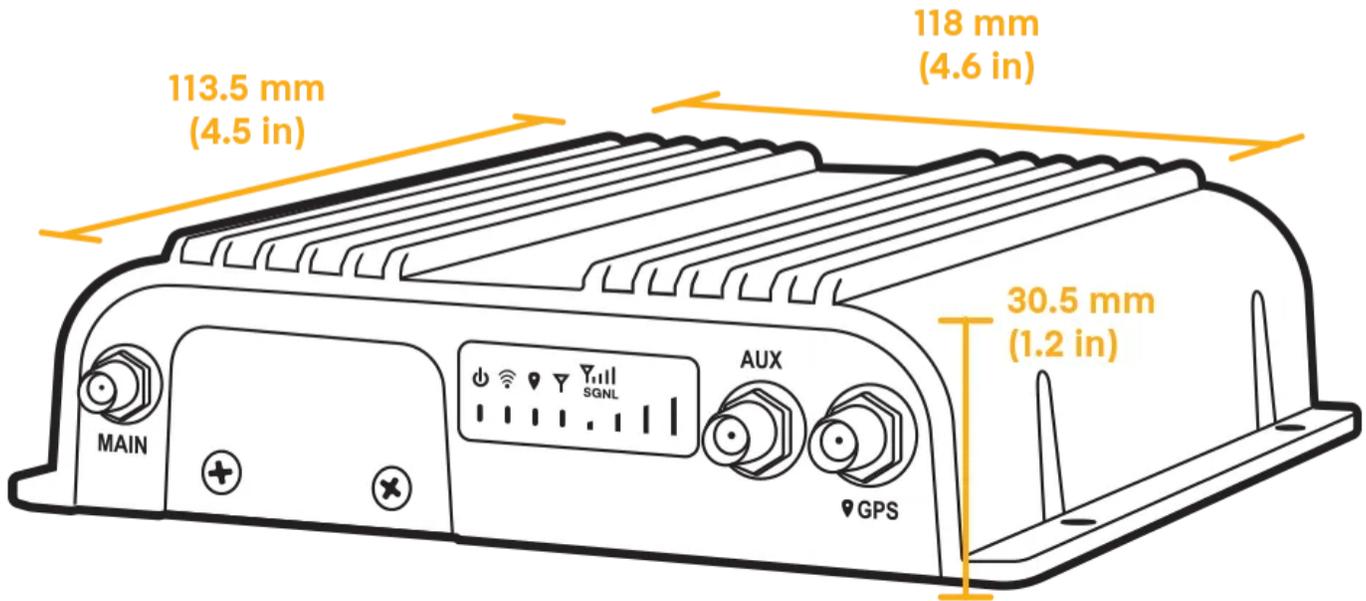
|                      |                |             |
|----------------------|----------------|-------------|
| <b>SPECIFICATION</b> | <b>1200M-B</b> | <b>600M</b> |
|----------------------|----------------|-------------|

|  |  |   |
|--|--|---|
| <b>Technology:</b>                           | Cat 18 LTE Advanced Pro (3GPP Rel. 12)<br><br><ul style="list-style-type: none"> <li>— Dual SIM slots, mini 2FF form factor</li> <li>— SIM-based carrier auto-selection</li> </ul> | Cat 11 LTE Advanced (3GPP Rel. 11)<br><br><ul style="list-style-type: none"> <li>— Dual SIM slots, mini 2FF form factor</li> <li>— SIM-based auto-carrier selection</li> </ul>  |
| <b>3G:</b>                                   | WCDMA/UMTS/HSPA+   | WCDMA/UMTS/HSPA+  |
| <b>Carrier Aggregation:</b>                  | Up to 5CA downlink, 2CA uplink<br>Refer to the <a href="#">Modem Carrier Aggregations</a> article.   | Up to 3CA downlink, 2CA uplink<br>Refer to the <a href="#">Modem Carrier Aggregations</a> article.  |
| <b>Peak Downlink Rates:</b>                  | <ul style="list-style-type: none"> <li>— LTE: 1 Gbps</li> <li>— WCDMA: 42.2 Mbps</li> </ul>  | <ul style="list-style-type: none"> <li>— LTE: 600 Mbps</li> <li>— WCDMA: 42.2 Mbps</li> </ul>   |
| <b>Peak Uplink Rates:</b>                    | <ul style="list-style-type: none"> <li>— LTE 150 Mbps</li> <li>— WCDMA: 5.76 Mbps</li> </ul>   | <ul style="list-style-type: none"> <li>— LTE: 75 Mbps</li> <li>— WCDMA: 5.76 Mbps</li> </ul>  |
| <b>MIMO:</b>                                 | 2x2 MIMO   | 2x2 MIMO  |
| <b>QAM:</b>                                  | Up to 256  | Up to 256   |
| <b>4G/LTE Bands:</b>                         | LTE FDD<br><br><ul style="list-style-type: none"> <li>— B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B39, B41, B66, B71</li> </ul>                   | LTE FDD<br><br><ul style="list-style-type: none"> <li>— B1, B2, B3, B4, B5, B7, B8, B12, B13, B17, B20, B25, B26, B28, B29, B30, B66</li> </ul><br>LTE TDD<br><br><ul style="list-style-type: none"> <li>— B38, B40, B41</li> </ul> |
| <b>3G Bands:</b>                             | B1, B2, B4, B5, B8, B19  | B1, B2, B4, B5, B8  |
| <b>Power:</b>                                | LTE 23 dBm ± 1, DC-HSPA+ 23 dBm ± 1 (typical conducted)  | LTE 23 dBm ± 1; HSPA+ 23 dBm ± 1 (typical conducted)  |
| <b>Antennas:</b>                             | SMA female connectors, external 600 MHz - 6 GHz cellular paddle antennas (Qty 2, included)   | SMA female connectors, external 600 MHz - 6 GHz cellular paddle antennas (Qty 2, included)  |
| <b>GNSS/GPS:</b>                             | Active GNSS<br><br><ul style="list-style-type: none"> <li>— GPS, GLONASS, BeiDou, Galileo</li> <li>— DC voltage bias supplied (typical 3.1v)</li> </ul>                            | Active GNSS<br><br><ul style="list-style-type: none"> <li>— GPS, GLONASS, BeiDou, Galileo</li> <li>— DC voltage bias supplied (typical 3.1v)</li> </ul>   |
| <b>SMS:</b>                                  | Yes  | Yes   |
| <b>Regulatory:</b>                           | FCC (U.S.), IC (Canada)  | FCC (U.S.), IC (Canada), CE (EU), RCM (AU/NZ), ICASA (ZA), iMDA (SG), SIRM QAS (MY), Ifitel NOM (MX), Subtel (CL/CR), CRC (CO)  |
| <b>Network Operator Standards:</b>           | PTCRB (U.S.)   | PTCRB (U.S.), GCF (Worldwide)   |
| <b>Network Operator Certifications:</b>      | AT&T, Verizon <sup>†</sup>   | AT&T, EE <sup>†</sup> , Optus, Sprint, Telstra, Verizon,  |
| <b>Public Safety Network Certifications:</b> | Verizon Frontline, FirstNet Ready™   | ESN, Verizon Frontline, Verizon Response Verified   |

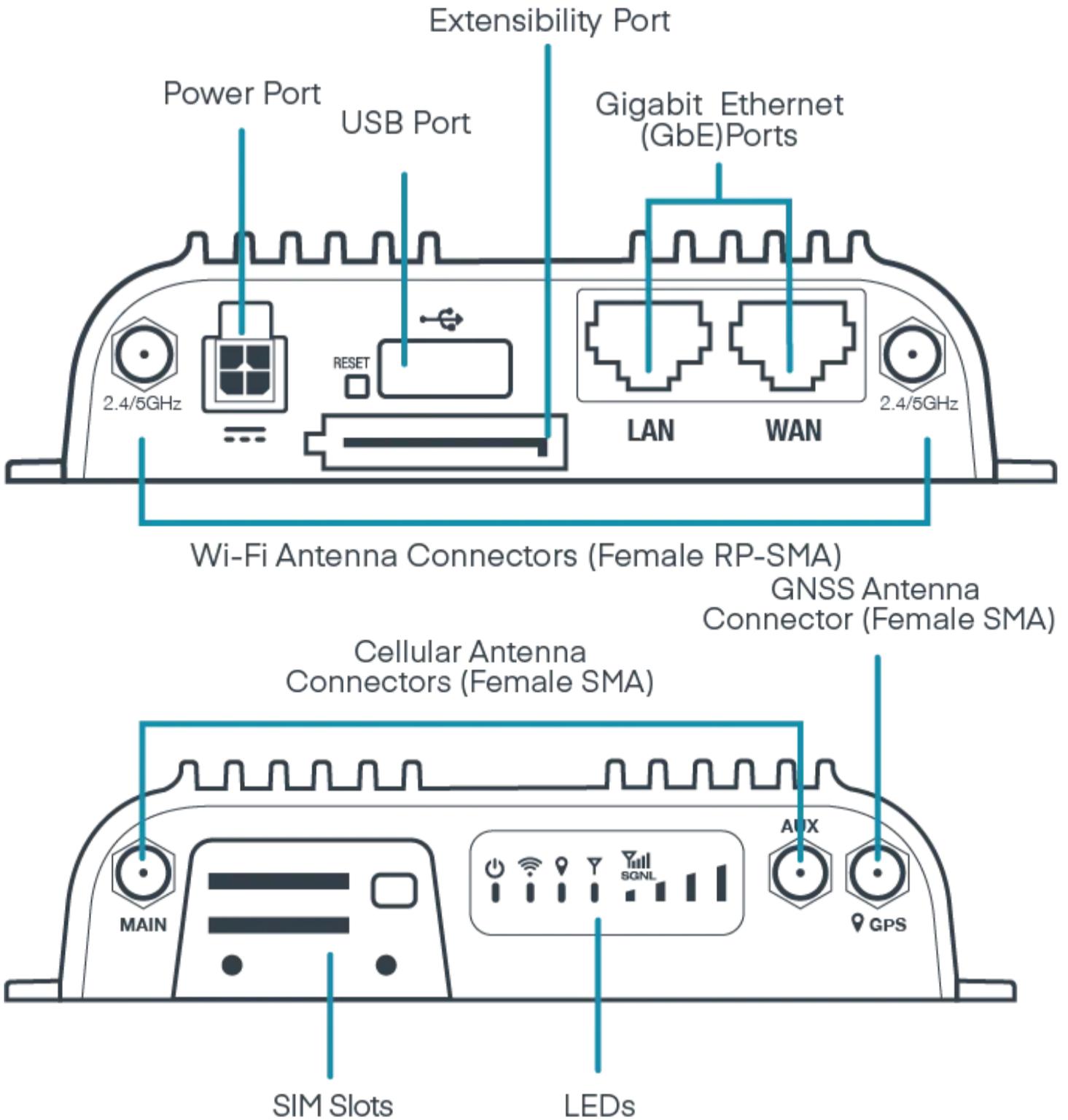
|                  |     |     |
|------------------|-----|-----|
| Private Cellular | N/A | N/A |
| <b>Network:</b>  |     |     |

†Cellular carriers and operators throughout the world may only require telecom industry certifications, like PTCRB or GCF, to operate on their network. Some carriers require additional testing and approval, beyond telecom certifications. A carrier listed in the approvals section means Cradlepoint completed additional testing and acquired technical approval for that given carrier. Any carrier not listed may not require additional testing or approval beyond telecom industry certifications to operate on their network.

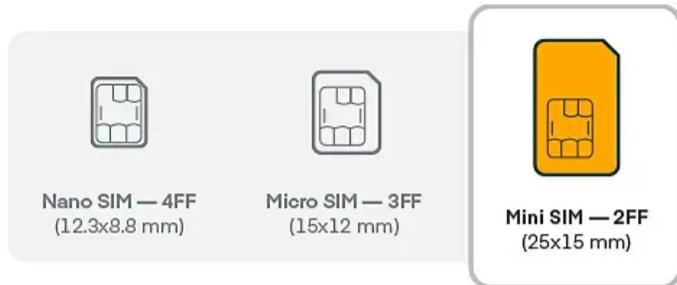
## Physical Measurements & Features



# Features



## SIM Card Info



## Ordering Guide

**NetCloud Mobile and NetCloud Ruggedized IoT Essentials packages** and plans contain all the features and capabilities required for a broad range of mobile, in-vehicle, and IoT applications. Essentials packages include 24x7 support (phone support: 24 hour weekdays with emergency response on weekends, web: 24x7, chat: 24x5) and a limited lifetime warranty.

For additional capabilities, a **NetCloud Mobile Advanced Plan** or **NetCloud Ruggedized IoT Advanced Plan** can be added to the NetCloud Mobile or Ruggedized IoT Essentials Package at any time.

See additional details of what is included in the Essential and Advanced NetCloud software: [cradlepoint.com/netcloud-service](https://cradlepoint.com/netcloud-service)

NetCloud Packages for the IBR900 Series Router

| REGION                    | MODEM                         | PACKAGE PLAN                           | PART NUMBER      |
|---------------------------|-------------------------------|--|------------------|
| <b>U.S. &amp; Canada:</b> | Cat 18 with Wi-Fi (1000 Mbps) | Mobile — Essentials                    | MAx-0900120B-NNA |
|                           |                               | Mobile — Essentials + Advanced         | MAAx-0900120B-NA |
|                           |                               |  |                  |
|                           | Cat 11 with Wi-Fi (600 Mbps)  | Mobile — Essentials                    | MAx-0900600M-NNA |
|                           |                               | Mobile — Essentials + Advanced         | MAAx-0900600M-NA |
|                           |                               |  |                  |
|                           | No modem                      | Mobile — Essentials                    | MAx-0900NM-0NA   |
| <b>Mexico:</b>            | Cat 11 with Wi-Fi (600 Mbps)  | Mobile — Essentials                    | MA0x-0900600M-MX |
|                           |                               | Mobile — Essentials + Advanced         | MAAx-0900600M-MX |
|                           |                               |  |                  |
| <b>U.S. &amp; Canada:</b> | Cat 11 with Wi-Fi (600 Mbps)  | Mobile FIPS — Essentials + Advanced    | MAx-900F600M-XFA |
|                           |                               | Mobile FIPS — Essentials + Advanced    | MAx-900F120B-XFA |
|                           |                               | Ruggedized IoT — Essentials            | TC0y-0900600M-NN |
|                           | Cat 11 with Wi-Fi (600 Mbps)  | Ruggedized IoT — Essentials + Advanced | TCAy-0900600M-NN |

|  |  |  |                                      |
|--|--|--|--------------------------------------|
|  | Cat 18 with Wi-Fi (1000 Mbps)  | Ruggedized IoT — Essentials                          | TC0y-0900120B-NN                     |
|  |  | Ruggedized IoT — Essentials + Advanced               | TCAy-0900120B-NN                     |
| <b>Mexico</b>  | Cat 11 with Wi-Fi (600 Mbps)   | Ruggedized IoT — Essentials                          | TC0y-0900600M-MX                     |
|  |  | Ruggedized IoT — Essentials + Advanced               | TCAy-0900600M-MX                     |
| <b>United States:<br/>Federal Government</b>   | Cat 11 with Wi-Fi (600 Mbps)<br><br>No AC power supply or antennas                                 | Mobile TAA Compliant NC — Essentials                 | TAA-<br>MAy-0900600M- <del>NA</del>  |
|  |  | Mobile TAA Compliant NC — Essentials + Advanced      | TAA-<br>MAAy-0900600M- <del>NA</del> |
|  | Cat 18 with Wi-Fi (1000 Mbps)<br><br>No AC power supply or antennas                                | Mobile TAA Compliant NC — Essentials                 | TAA-<br>MAy-0900120B- <del>NA</del>  |
|  |  | Mobile TAA Compliant NC — Essentials + Advanced      | TAA-<br>MAAy-0900120B- <del>NA</del> |
|  | Cat 11 with Wi-Fi (600 Mbps)<br><br>No AC power supply or antennas                                 | FIPS TAA Compliant NC Mobile — Essentials + Advanced | TAA-<br>MAy-900F600M- <del>NA</del>  |
|  | Cat 18 with Wi-Fi (1000 Mbps)<br><br>No AC power supply or antennas                                | FIPS TAA Compliant NC Mobile — Essentials + Advanced | TAA-<br>MAy-900F120B- <del>NA</del>  |
|  | 1200 Mbps<br><br>Includes high temp AC power supply & antennas<br><br>Verizon & AT&T SIMs inserted | FIPS TAA Compliant NC Mobile — Essentials + Advanced | TAA-<br>MAX5-900F120B- <del>NA</del> |
| <b>Europe:<br/>European Union, Saudi Arabia, South Africa, United Arab Emirates &amp; United Kingdom</b> | Cat 11 with Wi-Fi (600 Mbps)   | Mobile — Essentials                                  | MAx-0900600M-EWA                     |
|  |  | Mobile — Essentials + Advanced                       | MAAx-0900600M-EA                     |
|  | No modem   | Mobile — Essentials                                  | MAx-0900NM-OWA                       |

|   |                              |   |                  |
|---|------------------------------|---|------------------|
|   | Cat 11 with Wi-Fi (600 Mbps) | Ruggedized IoT — Essentials                                   | TC0y-0900600M-EM |
|   |                              | Ruggedized IoT — Essentials + Advanced                        | TCAy-0900600M-EM |
| <b>Asia Pacific:<br/>Australia, Malaysia, New Zealand &amp;<br/>Singapore</b> | Cat 11 with Wi-Fi (600 Mbps) | Mobile — Essentials   | MAX-0900600M-PWA |
|   |                              | Mobile — Essentials + Advanced                                | MAAx-0900600M-PA |
|   | No modem                     | Mobile — Essentials   | MAX-0900NM-0WA   |
|   | Cat 11 with Wi-Fi (600 Mbps) | Ruggedized IoT — Essentials                                   | TC0y-0900600M-PM |
|   |                              | Ruggedized IoT — Essentials + Advanced                        | TCAy-0900600M-PM |
| <b>All Regions:</b>   |                              | Mobile — Renewal Essentials                                   | MAX-NCESR-R      |
|   |                              | Mobile — Advanced (requires corresponding Essentials)         | MAX-NCADV        |
|   |                              | Mobile — Renewal Advanced (requires corresponding Essentials) | MAAx-NCEA-R      |
|   |                              | Mobile — Renewal Essentials + Advanced                        |                  |
|   |                              | FIPS — Mobile Renewal Essentials + Advanced, FIPS Only        | MAX-NCESR-R      |
|   |                              | Ruggedized IoT — Renewal Essentials                           | TC0x-NCESR-R     |
|   |                              |   | TC0x-NCADV       |
|   |                              | Ruggedized IoT — Advanced (requires corresponding Essentials) | TC0x-NCADV-R     |
|   |                              | Ruggedized IoT — Renewal Advanced                             | TCAx-NCEA-R      |
|   |                              | Ruggedized IoT — Renewal Essentials + Advanced                |                  |

x = 1, 3, or 5 years = 3 or 5 years

## Accessories

| INCLUDED | PART NUMBER |
|----------|-------------|
|----------|-------------|

| NetCloud Mobile Packages only:  |                    |
|---|--------------------|
| GPIO Cable, Small 2x2, Black, 3 meters, 22 AWG  | 170585-001         |
| NetCloud Ruggedized IoT Packages only:  |                    |
| Cellular Antenna, Black, 600 MHz - 6 GHz, SMA, 180 mm (Qty 2)   | 170760-000         |
| Wi-Fi Antenna, Black, Dual-Band 2.4/5 GHz, RPSMA, 194 mm (Qty 2)  | 170628-000         |
| NetCloud Ruggedized IoT Packages only, one of the following:  |                    |
| Power Supply, 12 V Small 2x2 1.5 meters (North America Type A)  | 170716-001         |
| Power Supply, 12 V Small 2x2 1.5 meters (NA-UK-EU-AU Types A-G-C-I)                                     | 170717-000         |
| OPTIONAL  | PART NUMBER        |
| Power Supply, vehicle, 12 V, 2x2, 2 meters  | 170635-000         |
| Power Supply, 12 V, Small 2x2 (C7 line cord not include), -30 °C to 70 °C (-22 °F to 158 °F)            | 170869-000         |
| Power Supply C7 Line Cord Options:  |                    |
| Line Cord, 125 V, C7, 1.8 meters, North America   | 170623-001         |
| Line Cord, 250 V, C7, 1.8 meters, (Europe Type C)   | 170623-002         |
| Line Cord, 250 V, C7, 1.8 meters, (United Kingdom Type G)   | 170623-003         |
| Line Cord, 250 V, C7, 1.8 meters, (Australia Type I)  | 170623-004         |
| Small 2x2 Power to Barrel Adapter, 152 mm   | 170665-000         |
| GPIO Cable, SATA with Lock, Black, 1.7 m  | 170680-000         |
| Rail Safe GPIO Cable, Small 2x2, Black, 3 meters, 20AWG   | 170871-000         |
| NetCloud Mobile Packages (bench testing only):  |                    |
| Cellular Antenna, Charcoal, 600 MHz - 6 GHz, SMA, 180 mm (Qty. 2)                                       | 170801-000         |
| Wi-Fi Antenna, Charcoal, Dual-Band 2.4/5 GHz, RP-SMA, 194 mm (Qty. 2)                                   | 170836-000         |
| Optional power supply (see above)   | Varies (see above) |
| Din Rail Mounting Bracket   | 170656-002         |
| Mag Mount Kit   | 170718-000         |
| COR Extensibility Dock  | 170700-000         |
| COR Extensibility Cable, SATA-DB9, Black, 305 mm  | 170767-000         |
| LTE Advanced Pro (1200 Mbps) modem upgrade for Mobile   | MA-MC400-1200M-B   |
| Includes IBR1700 & COR Extensibility Dock doors, no antennas <sup>†</sup>                               |                    |
| UNITED STATES FEDERAL GOVERNMENT  | PART NUMBER        |
| Cellular Antenna, Charcoal, 600 MHz - 6 GHz, SMA, 180 mm  | TAA-170801-000     |
| Wi-Fi Antenna, Charcoal, Dual-band 2.4/5 GHz, RPSMA, 194 mm   | TAA-170836-000     |
| Power Supply, vehicle, 12 V, 2x2, 2 meters  | TAA-170635-000     |
| Power Supply, 12 V, Small 2x2, 1.5 meters (North America Type A)  | TAA-170716-000     |
| Power Supply, 12 V, Small 2x2, 1.5 meters (North America-United Kingdom-Europe-Australia Types A-G-C-I) | TAA-170717-000     |

|   |                          |
|---|--------------------------|
| Line Cord, 125 V (C7), 1.8 meters (North America Type A)      | TAA-170623-001           |
| Small 2x2 Power to Barrel Adapter, 152 mm                     | TAA-170665-000           |
| GPIO Cable, SATA with Lock, Black, 1.7 m                      | TAA-170680-001           |
| GPIO Cable, Small 2x2 Black, 3 meters, 22 AWG                 | TAA-170585-001           |
| Din Rail Mounting Bracket                                     | TAA-170656-002           |
| Mag Mount Kit   | TAA-170718-000           |
| COR Extensibility Dock  | TAA-170700-000           |
| COR Extensibility Cable, SATA-DB9, Black, 305 mm              | TAA-170767-000           |
| LTE Advanced Pro (1200 Mbps) modem upgrade for Mobile         | TAA-MA-MC400-1200M-<br>B |
| Includes IBR1700 & COR Extensibility Dock doors, no antennas† |                          |

†Refer to the Cradlepoint MC400 Modular Modem webpage for more information about modular modems.

## Support & Warranty

The IBR900 Router is only sold as a component of NetCloud Mobile/NetCloud Ruggedized IoT Essentials or Essentials and Advanced Packages.

NetCloud Packages include support for the full subscription term.

All Cradlepoint hardware products are covered by a limited lifetime warranty for as long as they have a subscription license to an active NetCloud Service Plan.

## More Information

**Find the most up-to-date information at [cradlepoint.com/ibr900](https://www.cradlepoint.com/ibr900)**



# RUGGED KEYBOARD

Designed for Public Safety  
and Mobile Data  
Applications

## SPECIFICATIONS

- Storage Temperature: -20C to +70C
- Operating Temperature: -20C to +70C
- Operating Humidity: 100%
- Dimensions: 12.00 x 7.75 x 1.25 in (340.85 x 196.85 x 31.75 mm)
- Weight: 2 lbs

## COMPLIANT

- FCC
- CE
- RoHS

## FEATURES

- 83 Keys
- Red Backlighting Rated For Life of the Product (200,000 hr LED's)
- Low Cost, Ultra Rugged Keyboard
- Low Profile With Ergonomic Design and Feel
- Tactile Full Travel Key Switches Embedded Multi-Media Functionality
- Chemical Resistant Engineered Plastic Resin Housing and Keycaps
- Splash-Proof Touchpad With 2 Sealed Mouse Buttons
- 10 Million Actuations Per Key
- Optional Logo
- Multiple Standard Mounting Options
- Rubber Option Available
- Low Profile Docking Station/Charging Station
  - a. Lithium Ion Battery Pack
  - b. One-Handed Easy-To-Use Docking Station

## ELECTRICAL SPECIFICATIONS

- Voltage: +5Vdc From Data Cord Radiated Immunity: 20 Volts / Meter
- Backlight Dimming Includes 8 Levels of Intensity Controlled by "Fn" + "0" - "7" Keys or "Fn" Up / Down" Cursor Keys
- X/Y Position Resolution: 500 Points / Inch (20 Points Max)

## INTERFACE

- Dual Compatibility
  - a. USB When Docked
  - b. Bluetooth BLE Undocked

| TG3 PART NUMBER    | DESCRIPTION                                    |
|--------------------|--|
| KBA-BLTX-BTNNR-US  | Black, USB, BLE, Red Backlight                 |
| KBA-BLTXR-BTNNR-US | Black, Rubber, USB, BLE, Rubber, Red Backlight |