

# COUNTER-sUAS TECHNOLOGY

Detect, Defeat, and Defend

# NINJA HUB

Jointly developed with the US Air Force



Ninja is an affordable C-sUAS family of products that detects, disrupts, and defeats hostile unmanned aircraft. Ninja uses an open architecture that is software upgradeable to keep pace with emerging sUAS threats.

## Operating Principles

Ninja Hub enables rapid, expeditionary and mobile C-sUAS operations for any Ninja TRx or Rx product. It enables standalone C-sUAS operations without any dependence on a core Ninja Gen2 unit. Ninja Hub is a lightweight, weatherproof server that provides additional processing, networking, and data storage for any TRx or Rx network. A simple multi-node setup can be configured in minutes.

## Features

- Standalone C-sUAS operations when TRx/Rx paired
- Baseline hub hardware supports up to (4) TRx/Rx nodes
- Other configurations options support up to (8) Ninja nodes and can also support native GPU processing
- IP67 Waterproof
- Fanless operations
- Pole, wall, and server rack installation options
- 2U 19" half-rack form-factor for rack or wall-mount
- Assembled in the US with TAA Compliant Supply Chain
- 1-year warranty, training, and software upgrades included

## Contact us to learn more:

**Vijay Srinivas**

Director cUAS Product & Strategic Business Management

Black River Systems Company, Inc.  
162 Genesee Street, Utica, NY 13502

Office: (315) 368-1890  
Mobile: (315) 278-7204  
srinivas@brsc.com

©2024 Black River Systems Company

**Ninja is JCO Approved**  
(US DoD Joint C-sUAS Office - Jun 2020)  
<https://bit.ly/ArmyCsUAS2020>

## NINJA HUB SPECIFICATIONS

|                            |   |
|----------------------------|---|
| Size                       | 8.6"x12.2"x3.6" (LxWxH)                             |
| Weight                     | 12.8 lbs  |
| Power Input                | 8V to 48V wide-range DC with built-in power control |
| Deployment                 | Ground mast, pole mount, or building mount          |
| Deployment Time            | Plug and Play in minutes                            |
| Network                    | (1) 10GbE, (4) 802.3AT PoE+                         |
| Processor                  | Xeon E 2278GEL 8 Core                               |
| Memory                     | 64 GB ECC DDR-2666                                  |
| USB                        | (2) M12 A-Coded                                     |
| WiFi                       | Dual-band   |
| Storage                    | 2TB NVMe SSD  |
| Shock/Vibe                 | MIL-STD-810G  |
| Electromagnetic Capability | EMC EN-50155 CE/FCC Class A                         |
| Operating Temperature      | -40 deg C to 70 deg C                               |

**BLACK RIVER**  
SYSTEMS COMPANY