

HYDRA-X

MULTI-TRANSPORT NETWORK TRANSCEIVER

PART #: 100-00439-01



ROBUST NETWORK TRANSCEIVER PLATFORM

The Hydra-X network transceiver is a compact and rugged transceiver delivering connectivity and mission capabilities across multiple transports and multiple networking modes. It achieves transport diversity and communication resilience by leveraging modern commercial terrestrial and satellite networks in a seamless package.

NATIVE TRANSPORTS

- pLEO Starlink/Starshield
- 5G Commercial & Private
- Wifi client/AP
- Line of Site (LoS) via Howler waveform

FEATURES

- Integrated Starlink/Starshield Mini
- Qualcomm x75s-Snapdragon
 - Forward support for Link 182, spectrum analyzer, SideLink
 - On-device AI processing
- Auxiliary port (AUX) supporting dual GB ethernet with PoE
 - Compatible with standard IP-based devices such as Amazon Leo and LoS radios
- Howler LoS Manet Waveform w/ Internal Antenna
- SDN via Cloudjuncxion's SEEKER Bandwidth Virtualization and auto pacing capable
- Lattice Mesh SDK integrations
- Internal 5G MIMO antennas
- Internal Wi-Fi antennas

MECHANICAL AND ENVIRONMENTAL

- Dimensions: 8.75 x 8.75 x 6.0 inches
- Weight: 8 pounds
- Compliance: MIL-STD 461, 464 and 810
- Prime Power: MIL-STD 1275, < 70W TDP



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