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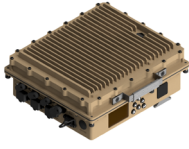
# HAWKEYE™ 4 XY: 2.6-METER VSAT

Designed for the warfighter: minimal hardware, maximum capabilities

ANTENNA	
Aperture	2.6 M parabolic
Optics	Center-fed
Acquisition	Auto acquire
Travel Range	Equivalent to +5-90 EI, continuous 360 AZ, 5°/sec
LEO/MEO Capable	Yes
AC Input	90-305 VAC, 47-63 Hz (pedestal), 100-240 VAC, 50-60 Hz (varies per band)

SYSTEM PERFORMANCE					
RF Band	Ka	Ku	X	C	S
Transmit (GHz)	29.0-31.0*	13.75-14.50	7.90-8.40	5.825-6.725 (LP) 5.825 -6.425 (CP)	2.025-2.12
Receive (GHz)	17.7-21.2	10.70-12.75	7.25-7.75	3.4-4.2 (LP) 3.625 -4.2 (CP)	2.2-2.3
Polarization	Circular	Linear	Circular	Linear or circular	Circular
G/T (dB/K)**	28.8	26.5	22.7	16.3 (LP), 16.6 (CP)	7.6
EIRP (dBW)**	75.4	69.9	63.6	60.0 (LP), 60.9 (CP)	44.3

NETWORK INTEGRATION		
Modem	Description	Orbit Support
iDirect® 450SDM	Supports both Evolution and Velocity networks and designed to add support for new waveforms/networks, e.g. EBEM	MEO, GEO, HEO
iDirect® 950mp	Supports both Evolution and Velocity networks	GEO
Viasat® CBM-400	Supports the STANAG 4486, EBEM and LinkWay® waveforms	GEO
Extant MPM-2500	Supports the NCW and NCW-R waveforms	GEO
Comtech® 5650C2/MP	Supports DVB-S2X for SES mPOWER™ EBEM and DSSS WGS certification early CY2026	MEO, GEO, HEO (future)

COMMON CONTROLLER		
Internal High Stability OCXO	Included	Common Controller and Modem Module  
Beacon Receiver	Included	
Gatekeeper (Optional)	Gatekeeper w/ embedded spectral display capability (via ViewSAT-e)	



The Hawkeye™ 4 XY system is a state-of-the-art 2.6-meter very small aperture terminal (VSAT) featuring true hybrid SATCOM capabilities: multi band, multi-orbit, multi-service in one powerful terminal. The Hawkeye™ 4 XY leads the industry in the ability to effectively track all orbits, including non-geosynchronous orbits (NGSO) across LEO, MEO, GEO and HEO. The terminals' modular design is optimized for rapid deployment (<30 minutes) and transit (fits on a 463L, with room for networking gear). This robust, MIL-STD-810H-compliant terminal features a simple, intuitive interface and is capable of rapid adaptation to access S, C, X, Ku and Ka bands.

\*Commercial Ka-Band option

\*\*Values presented are mid-band typical at 20-degree elevation

INTERFACE	
<b>LAN Ports</b>	4x Gigabit RJ-45
<b>Receive Monitor</b>	L-band receive monitor port
<b>External Modem</b>	L-band Tx and RX interfaces
<b>User Interface</b>	Remote ViewSat-e GUI and local color LCD and keypad

ENVIRONMENTAL	
<b>Temperature (Operational)</b>	-32°C to +55°C
<b>Temperature (Stored)</b>	-40°C to +70°C
<b>Wind (Deployed/Anchored)</b>	60 mph

CERTIFICATIONS	
<b>WGS (Delta 8)</b>	X band, Ka band
<b>MEO mPower (SES)</b>	Ka band
<b>Intelsat Flex (Planned)</b>	Ku band
<b>Inmarsat Global Xpress (Planned)</b>	Ka band
<b>MIL-STD-810H</b>	CY26
<b>CE</b>	CY26
<b>MIL-STD-461G</b>	CY26

Hawkeye™ 4 XY is designed for the warfighter: minimal hardware, maximum capabilities. The terminal boasts the L3Harris exclusive Comtech® 5650C2/MP modem for WGS and mPOWER operations.

The Hawkeye™ 4 XY supports multiple constellations and services, including WGS, Intelsat Flex™, Inmarsat Gx® and SES mPOWER®, among others. Built for NGSO operation, the Hawkeye™ 4 XY supports high throughput on MEO and LEO constellations and is modular and scalable, enabling the integration of new technologies and support for future high-throughput constellations.



**Hawkeye™ 4 XY: 2.6-Meter VSAT**

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