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L3HARRIS®
FAST. FORWARD.

HAWKEYE™ III

1.6 m/2.0 m/2.4 m Quad Band VSAT

ANTENNA/PEDESTAL	
Reflector	1.6 m, 2.0 m, or 2.4 m segmented carbon fiber
Acquisition	Auto
Elevation	+0° to +90°
Azimuth	+200° to -200°

BAND SUPPORT
X-, Ku-, Ka- mil, Ka- WB, C-

OPERATING FREQUENCIES	Transmit (GHz)	Receive (GHz)
X-	7.90 to 8.40	7.25 to 7.75
Ku-	13.75 to 14.50	10.95 to 12.75
Ka- mil	30.0 to 31.0	20.2 to 21.2
Ka-WB	29.0 to 31.0	19.2 to 21.2
C-	5.85 to 6.425	3.625 to 4.20

RF PERFORMANCE			
EIRP (dBW)	1.6 m	2.0 m	2.4 m
X-	57.3	59.2	60.8
Ku- (40W)	60.3	62.3	63.8
Ka- mil	66.0	67.9	69.5
Ka-WB	61.6	63.6	65.2
C-		55.8	57.3
G/T (dB/K)	1.6 m	2.0 m	2.4 m
X-	18.2	20.1	21.7
Ku- (40W)	22.2	24.6	26.2
Ka- mil	25.2	27.1	28.7
Ka-WB	25.2	27.1	28.7
C-		17.0	18.6



The L3Harris Hawkeye III Quad Band VSAT delivers high-speed data communications for Internet, VPN, and video transmission.

The modular design gives users the ability to switch between bands, apertures, and modems with the simple swap out of interchangeable kits. The Hawkeye III supports antennas from 1.6 m to 2.4 m. Frequency band kits are available in Ka-, Ku-, X- and C-Band, with multiple high-power options.

Our Viewsat-E GUI automates configuration when swapping frequency band or modems and allows commonality of control. Subsystem monitoring and troubleshooting is simplified by unifying all status reporting into a single easy to read display.

MODEM INTEGRATION

iDirect® 900, Comtech™ DMD1050TS, UHP™ 1100, ViaSat® CBM-400, L3Harris® MPM-2500

INTERFACES

Number of Ports	4 LAN or 3 LAN plus DSL option

POWER

AC	90-264 VAC; 47-44 Hz
Consumption	700VA

MECHANICAL

	1.6 m	2.0 m	2.4 m
Number of Cases	6	7 (8 for C-Band)	7 (8 for C-Band)
System Weight Per Case	<175 lbs	<175 lbs	<175 lbs

ENVIRONMENTAL

Temperature	Operational: -32°C to +55°C (-25.6° F to 131° F) Storage: -46°C to +71°C (-50.8° F to 159.8° F)
Wind Loading	30 mph, gusting to 45 mph, with anchors

CERTIFICATIONS

MIL-STD-810G, Delta 8 (X- & Ka-Band)



SYSTEM FEATURES

- Enhanced ODU
- Segmented carbon fiber reflector offers high performance and light weight
- Robust auto-acquisition to support Ku-, X-, Ka-, and C-bands
- Interchangeable feed boom design allows for easy RF band change
- Interchangeable reflector design allows user to switch easily between aperture sizes
- 4 LAN ports or 3 LAN ports plus DSL option
- MIL-STD-810G tested

APPLICATIONS

- Quick-deploy voice, data, and video
- Military command/control or logistic support communications
- Deployable homeland defense or emergency response communications
- Worldwide remote Internet/ VPN connectivity
- VoIP or video conferencing

OUTDOOR MODEM (ODU)

- MIL-STD-810G tested
- Rugged design for outdoor usage
- Embedded Ethernet switch
- Intuitive front panel display
- Optional beacon receiver



Hawkeye™ III 1.6 m/2.0 m/2.4 m Quad Band VSAT

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