

Series 1100

Tactical Hub



NETWORK CONFIGURATION

IFM	1 IF
SATCOM Interfaces	Please refer to DLC line card specification sheets for detailed frequency ranges
Remote Requirements	Works with any 9-Series or 4-Series remote

LINE CARD SPECIFICATIONS

Software Requirements	Evolution® 3.4 and above
Model	Embedded DLC-T and DLC-R line cards
Symbol Rates	Downstream: up to 45 Msps Upstream: up to 29 Msps Single Channel / MCD Composite
Network Access Scheme	DVB-S2/ACM on the outbound, A-TDMA on the inbound
Topologies	Star
LAN Interface	RJ-45, Cat 5e, 10/100/1000 Mbps Ethernet
Security	TRANSEC module (E0002268) CSIR (DLC-R)
Traffic Engineering	Group QoS, QoS (Priority Queuing and CBWFQ), Strict Priority Queuing, Application Based QoS, Minimum CIR, CIR (Static and Dynamic), Rate Limiting
Other Features	Built-in Automatic Uplink Power, Frequency and Timing Control, Authentication, Low-Speed COTM, 22 kHzDiSeqC tone

POWER SPECIFICATIONS

Input Voltage Range	100 – 240 VAC, single Phase, 4A max at 100 VAC
Frequency	50 – 60Hz
Main Power Module	300 Watt
BTU	477 BTU/hr

MECHANICAL/ENVIRONMENTAL

LEDs	TX, TX STATUS, TX PWR, RX, RX STATUS, RX PWR, LNB PWR
Size	W 17.00 in x D 14.75 in x H 3.44 in (2RU) (W 43.18 cm x D 37.47 m x H 8.74 cm)
Weight	20.0 lbs (9.07 kg)
Temperature	Operational: +32° to +113°F (0° to +45°C), tested in accordance with MIL-STD 810G
Altitude	Operational: Up to 10,000 feet (3,048 m) max, tested in accordance with MIL-STD 810G
Humidity	Operational over range of 5 to 95% non-condensing, tested in accordance with MIL-STD 810G
Vibration and Shock	Operational and storage profile tested in accordance with MIL-STD 810G
Fans	Temperature controlled fans to reduce acoustic emissions.
Management Control Module	Power reset switch, audible alarm on/off switch, over temperature sensor, fan status module, reset switch
Certifications	WGS Pending, FIPS 140-2 Level 3 (#3056) - TRANSEC Module on DLC-T and DLC-R
Compliance	MIL-STD 810G FCC, TUV & RoHS
Bundled Components: NMS and Protocol Processor	Dell PowerEdge XR11 Server; chassis W 15.74 in x D 18.77 in x H 1.68 in, 30.50 lbs., 1400 Watts (max) 115-240 VAC, 50-60 Hz., iDRAC Express
Layer-3 Switch	Cisco C9200L 24-Port Layer-3 Switch with 125W AC power supply, W17.50 in x D 13.80 in x H 1.73 in (1RU), 11.02 lbs., 100-240 VAC

Above specifications are software dependent