

# Series 15100

## 5IF Hub



RESILIENT. SECURE. INNOVATIVE. ✨

### NETWORK CONFIGURATION

IFM	5IF
Line Card Slots	20
SATCOM Range	Works with any Evolution or Velocity line card - Please refer to line card specification sheets for SATCOM ranges
Remote Requirements	Works with any Evolution or Velocity remote

### MECHANICAL/ENVIRONMENTAL

Size	W 17.50 in x D 24.00 in x H 19.00 in (11U) (W 44.45 cm x D 60.96 m x H 48.30 cm)
Weight	Empty 110.4 lbs (50.10 kg), Loaded - Varies
Temperature	Operational: +32° to +113°F (0° to +45°C)
Humidity	Operational over range of 0 to 95% non-condensing
Fans	Three fans, 2+1 redundant, hot-swappable
LEDs	Line card status, power status, fan status
Reference Clock Module	10 MHz, 1+1 redundant, with auto fail-over, hot-swappable, external GPS Ref. capable
Certifications	FCC, CE & RoHS compliant

### ADDITIONAL HUB COMPONENTS

Protocol Processor	Minimum of 2 servers, 1+1 redundant
NMS Servers	Minimum of 2 servers, 1+1 redundant
LAN Switch	2 switches, 48 port Gigabit Ethernet LAN switch
KVM Switch	8-Port
Networking Software	iDX 2.0 and above with iVantage NMS

### LINE CARD SPECIFICATIONS (OPTIONAL)

Max. IP Data Rates	Downstream: up to 149 Mbps (Evolution)
Per Line Card	Upstream: up to 11.1 Mbps in MF-TDMA or up to 20 Mbps in SCPC Return mode
Network Access Scheme	DVB-S2/ACM or DVB-S2X/ACM on the downstream and deterministic A-TDMA or SCPS Return on the upstream

### POWER SPECIFICATIONS

Input Voltage Range	100 – 240 VAC, single Phase, 10A max
Frequency	47 – 63Hz
Main Power Module	1500 Watt, 1+1 redundancy, hot-swappable
BTU	5118 BTU/hr

Above specifications are software dependent