

CANTADA



Constellation SE-12R Chassis

Advantages

- ✓ Modular Design
- ✓ 12 Module Slots
 - RF Isolated
 - Standard Sizing
 - Hot Swappable
- ✓ DC Power Distribution
 - Fully Redundant
 - Universal Input AC Power
 - 24 VDC / 600 Watts
 - Short Circuit Protection
 - Overload Protection
- ✓ 10MHz Reference Distribution
 - Single Reference Input
- ✓ Integrated SBC
- ✓ SNMP Agent with V1, V2, and V3 support
- ✓ Linux OS
- ✓ Remote Software Upgrades
- ✓ 1G Ethernet plus console support

Details

The Constellation SE-12R Chassis give teleport and ground station operators unparalleled control, dependability, and monitoring. The SE-12R Chassis features redundant DC power supplies with separate AC inputs. The 600-Watt power plant can supply up to 50 watts of 24V DC power to each module. The BNC front panel 10 MHz input sources the reference signal across the back plane to each slot. The SE-12R has an integrated single board computer hosting a SNMP Agent capable of up to V3 support. The host supports two independent Ethernet ports; the internal port provides command control and signal monitoring of any monitoring capable modules plugged-in, while the external port provides the NMS (Network Management System) interface. The Cantada management MIB is supplied with the chassis purchase. Along with module parameters, the health of the chassis power supplies and ambient temperature is reported.



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Specifications

Environmental	Min	Typical	Max
Operating Temperature	-10°C	-	+70°C
Operation Humidity (non-condensing)	20%	-	90%

10 MHz Ref Frequency	Min	Typical	Max
Input Power	-	+15 dBm	+30 dBm

AC Operation	Min	Typical	Max
Input Power	0	-	600 Watts
Input Voltage	85 Volts	115/230 Volts	264 Volts
Operation Frequency	47 Hz	50/60 Hz	440 Hz
Input Power Protection	-	10 Amps	-

DC Operation	Min	Typical	Max
Card Output	-	24 Volts	-

Modules	Min	Typical	Max
Number of Modules	1	-	12
Slot Isolation	60 dB	-	-

Interfaces	Connector	Type
Ethernet	RJ45	10/100/1000
Console	USB-A	USB 2.0

MADE IN THE USA

