

Nimbra 143

Flexible Modular Rack Mounting System

APPLICATIONS

- 3G-SDI, HD-SDI, SD-SDI, DVB-ASI
- AES/EBU and analog audio
- 10/100/Ethernet
- RS-232/422 Data
- CWDM multiplexing

19" 3RU Chassis for up to 15 MMS Cards with optional Network Monitoring and including Dual Redundant Power Supplies

The Nimbra 143 is a cost effective and flexible Multiservice Modular System (MMS) designed to accommodate the growing number of broadcast signals that need to be transported over fiber optic cable. All standard video, audio and data formats can be accommodated with alarm and monitoring via GPI or Ethernet/SNMP.

From a simple point to point link or a complex optical infrastructure the Nimbra 140 Series combines the lowest cost of ownership, full broadcast specifications and robust energy efficient designs.

Multiple signals can be electrically multiplexed together as a single wavelength and up to 16 wavelengths can then be multiplexed onto a single fiber using CWDM. Optical splitters and switches provide redundancy for mission critical situations.

The Nimbra 143 is a 19" 3RU chassis for MMS cards. Each frame can hold up to 15 single slot cards.

The NI-102 network card monitors the status of signals and power supplies within the frame. The NI-102 monitoring card can transfer additional information on capabilities of present V2 modules and SFPs in the chassis as well as display fan status and temperature. The Ethernet port allows Nimbra Vision or a third party SNMP management system to receive alarms and retrieve status. The card is fitted to the front of the Nimbra 143 v2 frame.



TECHNICAL SPECIFICATIONS

NI-102

Network Monitoring Card with Ethernet 10Base-T connection for Slot-16.

NI-102 can only be fitted in a Nimbra 143 V2 or Nimbra 141 V2 frame

Optional - 1 required per frame

General frame specifications

Depth:	250 mm
Width:	445mm
Height:	132.5 mm (3RU)
Weight:	11 kg when fully loaded
Operating Temp:	-30 to +70°C
Voltage Range:	90 to 250 VAC 47 to 663 Hz
Power:	65 W when fully loaded
Signal detect:	Contact closure for psu failure
No of slots:	15 Traffic modules slots 1 Network monitor slot

Conformance

EMI/RFI	Complies with 2004/108/EC
Electrical	Complies with EN 61000-6-1, EN 61000-6-2
RoHS	Complies with Directive 2002/95/EC

Ordering information

NPQ0019-AW01	Nimbra 143 (AC) 19" 3RU Chassis for up to 15 MMS Cards with optional Network Monitoring and including Dual Redundant Power Supplies
NPS0078-1401	NI-102 Network Monitoring Card with Ethernet connection. Can only be fitted in V2 chassis.

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