

Nimbra 141

Compact Modular Rack Mounting System

APPLICATIONS

- 3G-SDI, HD-SDI, SD-SDI, DVB-ASI
- AES/EBU and analog audio
- 10/100/1000 Ethernet
- RS-232/422 Data
- CWDM multiplexing



19" 1RU Chassis for up to 6 MMS Cards. Includes Dual Redundant Power Supplies.

The Nimbra 141 is a 19" 1RU chassis for Multiservice Modular System (MMS) cards. Any of the MMS cards can be fitted and mixed within each frame. The Nimbra 141 can hold up to 6 single slot cards plus one optional Network Monitoring card. Redundant power supplies are supplied as standard.

The Nimbra 141P is the same physical footprint but without any signal monitoring or power supplies, it is specifically intended to house passive optical modules (CWDM).

Some MMS cards have dual functionality allowing up to 12 channels of video to be transmitted or received from a single

1RU frame, while retaining loop through inputs and dual outputs per channel. Signal and card monitoring is achieved through SNMP monitoring in the NI-102 network card.

The NI-102 network card monitors the status of SFPs, signals and power supplies within the frame. The Ethernet port allows Nimbra Vision or a third party SNMP management system to receive signal and power supply failure alarms. The card is fitted to the front of the Nimbra 141 frame.

TECHNICAL SPECIFICATIONS

NI-102

Network Monitoring Card with 10Base-T Ethernet connection in front.

Optional - 1 required per frame.

General Frame Specifications

Depth:	150 mm (excluding connectors)
Width:	445 mm
Height:	44.5 mm (1RU)
Weight:	4.5 kg when fully loaded
Operating Temp:	-30 to +70 °C
Voltage Range:	90 to 260 VAC 50/60 Hz
Power:	18 W when fully loaded
Signal detect:	Contact closure for psu failure
No of slots:	6
	1 Network Monitoring board slot (Not Nimbra 141P)

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

NPQ0020-AW01	Nimbra 141. 19" 1RU Chassis for up to 6 MMS Cards. Includes Dual Redundant Power Supplies. Monitoring card is optional and available via front panel slot.
NPQ0020-AW01	Nimbra 141P, 19" 1RU Chassis for up to 6 Passive NI-xxx Cards. No psu or monitoring capability.
NPS0078-1401	NI-102. Network Monitoring Card with Ethernet connection.

Net Insight AB (publ)
Phone +46 (0)8 685 04 00, info@netinsight.net, www.netinsight.net

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