

NI-368

Multi-format Interface

Compact rack based multi-format converter

The NI-368 is a compact rack based multi-format converter for use with a wide range of broadcast video and audio signals.

The NI-368 provides a base unit that comprises two SFP cages. By using different SFP converter modules the functionality of the unit can be adapted to suit different broadcast applications.

The signal input and output formats are defined by the selection of appropriate standard SFPs. This can be both in the form of an optical and/or electrical format conversion. The NI-368 card offers a range of options, including distribution, format conversion, monitoring and wavelength management. Such a wide range of functionality allows the NI-368 to act as a “toolkit” for systems engineers as well as a high quality converter for any fixed installation.

Multi format SFPs include conversion to and from Composite, HDMI, DVI, optical and SDI. Units can also be used for regenerating optical signals from multimode to singlemode or re-mapping wavelengths within existing fibre systems.

See separate SFP documentation for the options available.

The NI-368 occupies a single slot in the Nimbra 143 rack-mounting frame which can hold up to 15 single slot cards. The compact Nimbra 141 1RU chassis is available for up to six cards.

Signal and card monitoring is achieved through SNMP monitoring in the NI-102 network card.

TECHNICAL SPECIFICATIONS

Optical Input/Output

SFPs for different applications are ordered separately

Electrical Input/Output

SFPs for different applications are ordered separately

General Card Specifications

Depth	60 mm
Width	20 mm
Height	129 mm (3RU)
Weight	100 g
Operating Temp	-30 to +70°C
Power	2,5 W typical
No. of slots	1

Conformance

EMI/RFI	Complies with 89/336/EEC, EN55022B, EN61000-4-2, EN61000-4-4-(Level 2), EN61000-4-4FTB, EN61000-4-5, EN61000-4-11
Electrical	Complies with EN 61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4
Laser Safety	dependent on SFP fitted
RoHS	Complies with Class 1 laser product Complies with Directive 2002/95/EC

Ordering Information

NPS0082-14C2	NI-368 2-Channel SFP wavelength converter ETH/SDI - no optics fitted.
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