

NXLK-IP40F

SDI-IP converter board with 3G-SDI and SFP+ ports



Overview

The NXLK-IP40F SDI-IP converter board provides 4x 3G-SDI ports and 2x SFP+ ports for redundancy for network connection. The NXLK-IP40F can convert the signal in a very low latency which enables live production over IP transmission where real-time operation is essential.

Features

The NXLK-IP40F supports both 4K and HD video signals. Equipped with 4x 3G-SDI I/O ports, it can convert signals from SDI to IP and from IP to SDI.

The unit can transmit up to 300m using multi-mode fiber cable with the optional OTM-10GSR1 SFP+ transceivers.

The unit supports Simple Network Management Protocol (SNMP). SNMP is in use worldwide for network and equipment monitoring. Its use allows remote monitoring and effective scheduling of maintenance for minimum disruption to your operations.

Specifications

General specifications	
Power supply	DC 12 V (supplied from NXL-FR318)
Power consumption	2.0 A 24 W (2 slot occupancy)
Dimensions	Main board: 114.5 × 28 × 275.8 mm (4 5/8 × 1 1/8 × 10 7/8 in.)(W × H × D) Connector board: 131 × 35.2 × 117.25 mm (5 1/4 × 1 7/16 × 4 5/8 in.) (W × H × D)
Mass	Main board: 240 g (8.5 oz.) Connector board: 160 g (5.6 oz.)
Temperature ranges	Operation guaranteed temperature: 5 °C to 40 °C (41 °F to 104 °F) Performance guaranteed temperature: 10 °C to 35 °C (50 °F to 95 °F) Storage temperature: -20 °C to +60 °C (-4 °F to +140 °F)

I/O specifications - SDI

Connector	BNC type 75 Ω
Number of lines	4
Signal formats	SMPTE ST 424, SMPTE ST 292-1

I/O specifications - REF OUT

Connector	DIN 1.0/2.3 75 Ω
Number of lines	1
Signal formats	HD tri-level sync signal, black burst signal (NTSC, PAL), SYNC signal (NTSC, PAL)

I/O specifications - NMI LAN

Connector	SFP+
Number of lines	2
Signal formats	10GBASE-** (dependent on SFP+ transceiver module) For details on supported SFP+ transceiver modules, contact your local Sony service representative.

Supplied accessories

Supplied accessories	Operation manual (1)
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Supported formats

SDI input/output	1920 x 1080 59.94i, LLVC compression or uncompressed 1920 x 1080 50i, LLVC compression or uncompressed 3840 x 2160 59.94p Level-A, 2SI or SQD, LLVC compression 3840 x 2160 50p Level-A, 2SI or SQD, LLVC compression
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Related products



BPU-4800
4K / HD baseband processor unit and UHFR server for HDC-4800 system camera



NXL-FR316
SDI-IP signal processing unit



PWS-110NM1
IP Live System Manager workstation



OTM-10GSR1
10GBASE-SR SFP+ Transceiver for Sony Networked Media Interface products



NXLK-IP45F

AV Multiplexer/Demultiplexer
Board

Gallery

