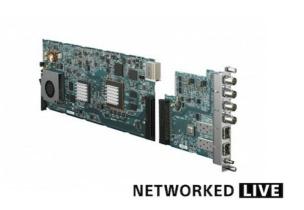
SONY

NXLK-IP40F

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



Overview

SDI-IP conversion board

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

Support SDI-IP conversion of 4K/HD signals

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.

Long distance signal transmission by SFP+ interface

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

SNMP capable to reduce equipment downtime

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.

SONY

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: $114.5 \times 28 \times 275.8$ mm ($45/8 \times 11/8 \times 107/8$ in.)(W \times H \times D) Connector board: $131 \times 35.2 \times 117.25$ mm ($51/4 \times 17/16 \times 45/8$ in.) (W \times H \times 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)	

	- SDI

Connector BNC type 75 Ω

4



Number of lines

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)



Supported formats

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

Related products



SDI input/output







OTM-10GSR1

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

PWS-110NM1

IP Live System Manager Station

NXL-FR316

SDI-IP signal processing unit

NXLK-IP45F

AV Multiplexer/Demultiplexer Board



BPU-4800

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

SONY

Gallery





