NXLK-IP51Y

12G SDI-IP Converter Board with two 1.5/3G-SDI and two 12G-SDI ports, supporting SMPTE ST 2110 in HD/4K and HDR

Overview

The NXLK-IP51Y 12G SDI-IP Converter Board offers two 1.5/3G-SDI bi-directional and two 12G-SDI x2 bi-directional ports, plus dual SFP28 (25Gb Ethernet) ports for network connection redundancy. Compatible with ST 2110-20/30/40 streaming formats and offering very low latency signal conversion, it’s ideal for integration in real-time IP Live production environments.

Features

Versatile SDI-IP conversion of 4K/HD/HDR signals
The NXLK-IP51Y supports both 4K and HD video signals. Equipped with two 1.5/3G-SDI and two 12G-SDI I/O ports, it can convert signals from SDI to IP and from IP to SDI. As standard it supports SDI-IP conversion with frame synchronisation. This can be optionally expanded to up/down conversion, SDR/HDR conversion, color correction and IP audio multiplexer functionality.

Long distance, low latency transmission by SFP28 interface
The NXLK-IP51Y can transmit signals over distances up to 100m via multi-mode fibre cable, using the optional SFP28 transceiver module, OTM-25GSR.

Supports SNMP for reduced equipment downtime
The NXLK-IP51Y supports Simple Network Management
Protocol (SNMP) for remote monitoring and effective scheduling of maintenance for minimum disruption to production operations.

Related products

**OTM-25GLR**
SFP28 Optical Transceiver Module (LR)

**NXL-FR316**
SDI-IP signal processing unit

**NXLK-IP50Y**
SDI-IP Converter Board with eight 1.5/3G-SDI ports, supporting SMPTE ST 2110 in HD/4K and HDR

**PWS-110NM1**
IP Live System Manager workstation
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