

NXL-FR318

SDI-IP signal processing unit



Overview

Rack mountable frame for various SDI-IP option boards – the NXLK-IP40F and the NXLK-IP45F

The NXL-FR318 is a 3RU rack mountable frame capable of holding up to 18 option boards. With two power supplies to provide redundancy, the unit is ideal for interconnecting SDI equipment with IP-based infrastructure. The NXLK-IP40F option board supports 4K/HD signals for SDI-to-IP and IP-to-SDI conversions. The NXLK-IP45F option board enables audio signal to be transmitted via IP as well. Status LEDs on the front panel of the unit allow real-time monitoring, with reference input and reference time input and output status provided.

Features

18 flexible slots for SDI-IP conversion option boards

The NXL-FR318 signal processing unit can load the optional NXLK-IP40F or NXLK-IP45F boards in a flexible combination by using 18 open slots, which enables users to configure the system that exactly fits to the requirement.

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.

Specifications

General specifications

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|--------------------|---|
| Power supply | AC 100 V to 240 V +/-10% 50/60 Hz, dual |
| Power consumption | 300 W |
| Dimensions | 440 × 132 × 420 mm (17 3/8 × 5 1/4 × 16 5/8 in.) (W × H × D) |
| Mass | Approx. 12 kg (26 lb. 7.3 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 - REFERENCE IN

| | |
|-----------------|---------------------------------|
| Connector | BNC type (2), loop through 75 Ω |
| Number of lines | 1 (loop through) |
| | HD tri-level sync signal, black |

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|----------------|---|
| Signal formats | burst signal (NTSC, PAL), SYNC signal (NTSC, PAL) |
|----------------|---|

I/O specifications - STATUS OUT

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|-----------|-----------------------|
| Connector | D-sub 15-pin (female) |
|-----------|-----------------------|

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|----------------|----------------|
| Signal formats | Open collector |
|----------------|----------------|

I/O specifications - NETWORK

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|-----------|-------|
| Connector | RJ-45 |
|-----------|-------|

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|-----------------|---|
| Number of lines | 1 |
|-----------------|---|

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|----------------|------------------------------|
| Signal formats | Ethernet 100Base-T compliant |
|----------------|------------------------------|

I/O specifications - AUX-IN

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| Connector | BNC type (1) |
|-----------|--------------|

Supplied accessories

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| Supplied accessories | Operation manual (1) |
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Optional accessories

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|----------------------|--|
| Optional accessories | RMM-10 rack mount bracket Power cord (Service Parts No.: 1- |
|----------------------|--|

557-377-11 (USA, Canada), 1-782-929-22 (EU))

Related products



NXL-IP55

IP Live Production Unit



IP Live Manager

PC based software to configure and monitor video feeds of NXL-IP55



PWS-100NM1

IP Live System Manager workstation



PWS-110NM1

IP Live System Manager Station

Gallery

