

## 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

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

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

---

## I/O specifications - STATUS OUT

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

---

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

---

## I/O specifications - NETWORK

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

---

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

---

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

---

## I/O specifications - AUX-IN

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

---

## Supplied accessories

Supplied accessories	Operation manual (1)
----------------------	----------------------

---

## Optional accessories

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

