

NXL-IP55

IP Live Production Unit



Overview

Live multi-camera systems on an IP network connection

The NXL-IP55 live production unit enables multiple video data streams to be transmitted over an IP Local Area Network (LAN). The unit enables multi-camera shoots with up to 4 video streams (3 downstream and one upstream, or two downstream/two upstream).

Broadcast quality video transmissions

The system maintains broadcast quality full HD video over the IP network, equivalent to the picture quality of the HSC-300 and HXC-100 HD cameras.

Features

Genlock function synchronises multi-camera shooting over the IP network

The NXL-IP55 features genlock function, realising a multi-camera system over an IP Local Area Network (LAN).

Broadcast quality full HD video

The unit maintains broadcast quality over the network, equivalent to the picture quality output of HSC-300 and HXC-100 HD cameras.

Ultra low latency enables easy network configuration

Ultra low latency of the system permits the easy integration of multiple video streams over a single IP network. Users have bi-directional transmission and can select three downstream video streams and one upstream over a 1 GB Ethernet LAN, including audio and tally and genlock. Alternatively, users can select two downstream and two upstream video streams.

Specifications

General

Power requirements	DC 19.5 V / 2.2 A
Operating temperature	5°C to 40°C (41°F to 104°F)
Storage temperature	-20°C to +60°C (-4°F to +140°F)
Dimensions (W x H x D)	214 x 42.2 x 313 mm (8 2/5 x 1 3/5 x 12 1/3 inches, 1U rack-mount size)
Mass	2.5 kg (5 lb 8.2 oz)
Supporting format	1920 x 1080/59.94i, 50i, 1280 x 720/59.94p, 50p

Input / Output

Reference input	BNC (x1) HD: Tri-level sync, 0.6 Vp-p, 75Ω SD: Sync (NTSC: 0.286 Vp-p, 75Ω /
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	PAL: 0.3 Vp-p, 75Ω)
HD-SDI input	BNC (x3) SMPTE 292M
Reference output	BNC (x3) HD: Tri-level sync, 0.6 Vp-p, 75Ω SD: Sync (NTSC: 0.286 Vp-p, 75Ω / PAL: 0.3 Vp-p, 75Ω)
HD-SDI output	BNC (x5) SMPTE 292M
Audio / Intercom	D-sub 25-pin (x1) Audio: Line level, Max. 6ch Input or Output Intercom: 4 W or 2 W
Tally / GPIO	D-sub 25-pin (x1) Tally: Red x 3 and Green x 3, 12 V or contact GPIO: 8ch (Tx or Rx at each 4ch)
Main	RJ-45 (x1) 1000BASE-T for signal transmission
Control	RJ-45 (x1) 100BASE-TX / 10BASE-T for setting up NXL-IP55
DC input	19.5 V

Supplied accessories

Supplied accessories Operating Instructions, Power Plug
Clamp, AC Adaptor

Related products



**NXL-
FR318**

SDI-IP signal
processing unit



**PWS-
100NM1**

IP Live System
Manager workstation

Gallery

