

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 / |
|-----------------|--|

| | |
|------------------|---|
| | 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

