



VideoXLink X4 UHD is the ultimate low latency production solution, suited for remote production usage in the field or being installed in a production studio, thanks to its 19" size and rack mount kit. By having 4 12G-SDI bidirectional ports, the X4 can be used as a flexible solution, turning inputs to outputs and vice versa. X4 is also capable of encoding/decoding NDI, adding even more channels than the 4 SDI.

X4 is equipped with 4 ethernet interface cards, offering speeds between 1 Gbit/s to 10 Gbit/s and up to 25 Gbit/s. All 4 ports are available for usage in the VideoXLink application, making it possible for using several backup connections, layer 2 trunks or high-speed connections to the local network when using NDI network streams.

Physical

L/W/H [cm|in]: 27x44x4.4 | 10.6x17.3x1.7

Weight [kg|lbs]: 3.4 | 7.5

Can be rack mounted (rack mount kit option)

Shipping information

Peli case - optional

Package information:

L/W/H [cm|in]: 53x42x21 | 20.9x16.5x8.3

Weight [kg|lbs]: 8.1 | 17.9

Power

1 pcs AC plug 100-240V 50/60Hz

Codec

Video: H.265*, H.264, VC-5

*not recommended for multi encoding

Color

8-bit, 10-bit, 4.2.0, 4.2.2

Audio

SDI up to 16 channel on each encoder and decoder

Uncompressed PCM or Compressed OPUS

Bit depth: 16 or 32

Video format

525i59.94 NTSC, 625i50 PAL,
720p50, 720p59.94, 720p60

1080p23.98, 1080p24, 1080p25, 1080p29.97

1080p30, 1080p50, 1080p59.94, 1080p60

1080PsF23.98, 1080PsF24, 1080PsF25

1080PsF29.97, 1080PsF30

1080i50, 1080i59.94, 1080i60

Ultra HD Video Standards

2160p23.98, 2160p24, 2160p25, 2160p29.97

2160p30, 2160p50, 2160p59.94, 2160p60

Software options

- Layer 2 Data Trunk
- Multipoint – send to multiple receivers
- Failover – WAN failover solution

Network

- 1 pcs 1 Gbit/s RJ45
- 1 pcs 2.5 Gbit/s RJ45
- 2 pcs 1/10/25 Gbit/s SFP28
- X pcs external USB ethernet

Video

- 4 pcs bidirectional BNC 12G-SDI ports (changeable inputs/outputs)
- 1 pcs analogue BNC reference input (blackburst/tri-level sync)

Other connections

- 1 pcs USB C (from Rev2)
- 3 pcs USB A 3.1 Superspeed

Protocols

- XLink – Optimized for ULL and REMI
- SRT – For third party connection

Use Case examples

- SDI < > NDI converter
- Video contribution
 - Ultra Low Latency (ULL)
720p60 as low as 85ms
1080p60 as low as 100ms
 - Return Video (full duplex)
- Remote production (REMI)
 - Layer 2 Data Trunk (VLAN)
 - Remote control Camera Control Units (CCUs), PTZ cameras, IP-based intercom and more.

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