Teranex Mini SDI Distribution 12G



Distribute a single SDI video input to up to eight SDI outputs. Features the latest multi rate 12G-SDI connections with full SDI re-clocking allowing the converter to automatically switch between all SD, HD and Ultra HD formats up to 2160p60. Perfect for distributing a single SDI signal to multiple devices such as monitors, switchers and encoders.

$635

Connections

SDI Video Inputs
1 x 12G-SDI SD/HD/2K/4K auto switching.

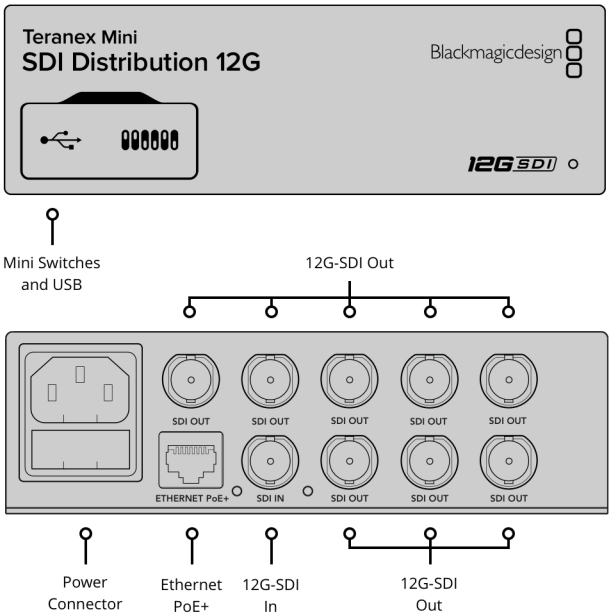
SDI Video Outputs
8 x 12G-SDI automatically matches the SD/HD/2K/4K 12G-SDI input

Embedded Audio Support
16 channels.

Multi Rate Support
Automatic switching between SD/HD/2K and 4K

Updates and Configuration
USB or Ethernet

Reclocking
Yes



Standards

SD Video Standards
525i59.94 NTSC, 625i50 PAL

HD Video Standards
720p50, 720p59.94, 720p60
1080i50, 1080i59.94, 1080i60
1080p23.98, 1080p24, 1080p25,
1080p29.97, 1080p30, 1080p50,
1080p59.94, 1080p60
1080PsF23.98, 1080PsF24,
1080PsF25, 1080PsF29.97, 1080PsF30

2K Video Standards
2Kp23.98 DCI, 2Kp24 DCI, 2Kp25 DCI
2KPsF23.98 DCI, 2KPsF24 DCI,
2KPsF25 DCI

Ultra HD Video Standards
2160p23.98, 2160p24, 2160p25,
2160p29.97, 2160p30, 2160p50,
2160p59.94, 2160p60

4K Video Standards
4Kp23.98 DCI, 4Kp24 DCI, 4Kp25 DCI

SDI Compliance
SMPTE 259M, SMPTE 292M,
SMPTE 296M, SMPTE 372M,
SMPTE 424M, SMPTE 425M
level A and B, SMPTE 2081-1,
SMPTE 2081-10, SMPTE 2082-1 and
SMPTE 2082-10

SDI Video Rates
SDI video connections are switchable between standard definition, high definition level A and level B 3G-SDI, 6G-SDI and 12G-SDI.

SDI Video Sampling
4:2:2 and 4:4:4

SDI Audio Sampling
Television standard sample rate of 48 kHz and 24-bit.

SDI Color Space
YUV & RGB

Software

Software Control
Mac™ and Windows™ software upgrade via USB and Ethernet.

Internal Software Upgrade
Via included updater application.

Operating Systems



Mac 10.15 Catalina,
Mac 11.1 Big Sur or later.

Windows 10, 64-bit.

Settings Control

Basic Settings Control
Mini Switches, USB and Ethernet via free software utility.

Optional Front Panel Control
Front mounted Smart Panel with LCD, rotary knob and six settings buttons.

Power Requirements

Power Supply
1 x built in international AC power supply with IEC C14 inlet. IEC Power cable required. 100 - 240V AC Input.

Power Over Ethernet
Can be powered via 48V DC using PoE+ (power over ethernet).

Power Consumption
16 Watts

Operational Voltage Range
100 - 240V AC

Physical Specifications



Environmental Specifications

Operating Temperature
0° to 40°C (32° to 104°F)

Storage Temperature
-20° to 60°C (-4° to 140°F)

Relative Humidity
0% to 90% non-condensing

What's Included

Teranex Mini SDI Distribution 12G
Welcome wallet with QR code for software download

Warranty

3 Year Limited Manufacturer’s Warranty.

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