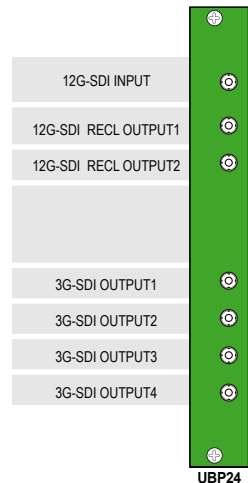


KUHD10

**KUHD10**  
**12G-SDI 1 to 4 Distribution Amplifier, 3G, HD-SDI Down Format Conversion / synchronizer and Video Processing**

**Features**

- Two Sample interleave(2S) for 12G-SDI
- One or Two 12G-SDI input
- Low delay (2line@2160p)
- Compatible with 1080p59.94 or 1080p50 input
- Transparent for 16 channels of embedded audio
- Full control, status monitoring through the front panel of the frame and the Ethernet port (ACP)



**Specifications**

**Serial video input**

Standard	12G-SDI : ST-2082-10
Number of input	1 or 2
Connector	HD-BNC
Equalization	Typical maximum equalized length of 5C cable: 85m at 11.88Gb/s

**Reference input through RRC**

Number of Input	2 on USFR18, 2 on USFR08
Tri-level	SMPTE274M, SMPTE296M 600 mVp-p nominal, 75 Ohm terminated through loop
Bi-level	PAL Black Burst ITU624-4/SMPTE318, Composite NTSC SMPTE 170M 1Vp-p nominal, 75 Ohm terminated through loop

**Serial video output**

Number of output	8
Connector	HD-BNC
Signal level	800mV nominal
DC offset	0V±0.5V
Rise/fall time	<28ps nominal
Overshoot	<10% of amplitude
Return loss	<6dB-6GHz to 12GHz
Wideband jitter	<0.3UI

**Miscellaneous**

Weight	250g
Operating	0°C to +50°C
Dimensions	137 x 296 x 20 mm(HxWxD)

**Electrical**

Voltage	+24V to +30V
Power	12 Watt