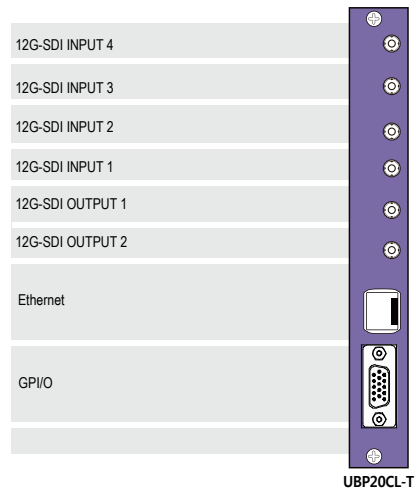


- UHD 4K
- SMPTE 2082-10
- Two sample Interleave
- Upgradable to 12Gb/s
- Upgradable to 3Gb/s

KUACO-20 / 30
3 channels 12G/3G/HD integrity checking probe with clean switch-over function

Features

- 12G-SDI 4 Inputs
- SDI Carrier detect
- Black detection
- Freeze detection
- CRC detection
- ANC detection
- Silence detection
- Support 2x1 Function Selecting (Input 1,2 / Output 1,2)
- Support 3x1 Function Selecting (Input 1,2,3 / Output 1,2)
- Support 2x2 Function Selecting (Input 1,2 / Output 1) (Input 3,4 / Output 2)
- Audio channel detection



Specifications

Serial video input

Standard	12G, 3G-SDI and HD-SDI ST-2082-10, SMPTE425, SMPTE 292M
Number of input Connector	2 or 3 or 4 HD-BNC
Equalization	Typical maximum equalized length of 5C cable: 85m at 11.88Gb/s

Serial video output

Number of output Connector	2 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

GPI/O

Number of output Connector	In/Out 6CH D_SUB 24Pin
Resolution	24 bit

Ethernet & RS-422

Data Communications	Ethernet
Data Format	9600 ~ 115200 baud rate
System Protocol	K2E Standard Protocol
Serial Port	1 Port(1Port Loop)
Ethernet Connector	1Port 10/100/1G base-T RJ-45

Miscellaneous

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

Electrical

Voltage Power	+24V to +30V 12 Watt
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KUACO-20 / 30