

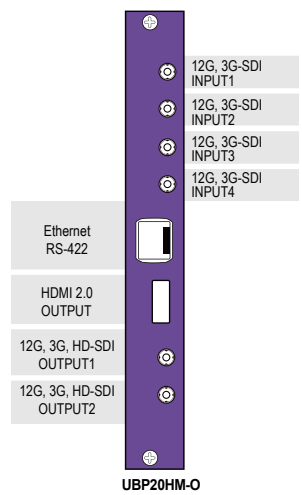
- UHD 4K
- SMPTE 2082-10
- Two sample Interleave
- 12Gb/s
- Quad Split
- HDMI2.0

KUHM20-Q

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12G 4CH Ultra Quad Master Processor

Features

- Two Sample interleave(2SI) for 12G-SDI
- 12G, 3G-SDI 4CH Input
- 12G, 3G-SDI Quad Display
- 12G, 3G-SDI Out Quad & Input CH select (1~4)
- HDMI2.0 Monitor Out (option)
- Lock to HD(Tri-level), SD(B&B) syncs or input
- Ethernet or RS-422
- Full control, status monitoring through the front panel of the frame and the Ethernet port (ACP)
- Through RS-422 and Ethernet port connect with Remote Controller(LPR-100)



Specifications

Serial video input

Standard	12G, 3G-SDI and HD-SDI :ST-2082-10, SMPTE424M, SMPTE425M(LEVEL-A, LEVEL-B), SMPTE 292M
Number of input	4
Connector	Mini-BNC
Equalization	Typical maximum equalized length of 5C cable: 85m at 11.88Gb/s, 200m at 2.97Gb/s, 250m at 1.485Gb/s

Serial video output

Number of output	2
Connector	Mini-BNC
SDI Signal level	800mV nominal
DC offset	0V±0.5V
Rise/fall time	<28ps nominal
Overshoot	<10% of amplitude
Return loss	<6dB-6GHz to 12GHz
Number of output HDMI	1
HDMI 2.0	4K@50/60, (2160p)

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

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