

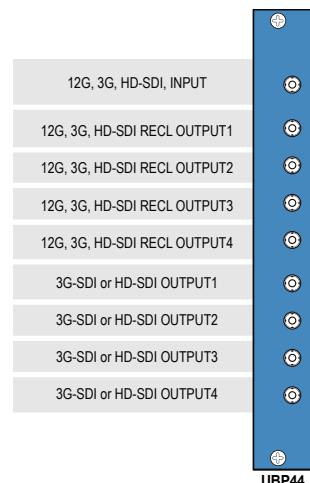
- UHD 4K
- SMPTE 2082-10
- Two sample Interleave
- 12Gb/s

KUDV44

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12G, 3G, HD-SDI 1 to 4 Distribution Amplifier and Down-Converter 3G, HD Output

Features

- Two Sample interleave(2S) for 12G-SDI
- 1 auto-detect 12G-SDI, 3G & HD-SDI input
- 4 individually switchable down converted video output
 User can choose from 12G-SDI, 3G-SDI & HD-SDI output
- Full control, status monitoring through the front panel of the frame and the Ethernet port (ACP)



Specifications

Serial video input

| | |
|-----------------|--|
| Standard | 12G, 3G-SDI and HD-SDI : ST-2082-10, SMPTE 425M, SMPTE 292M |
| Number of input | 1 |
| Connector | HD-BNC |
| Equalization | Typical maximum equalized length of 5C cable: 85m at 11.88Gb/s, 200m at 2.97Gb/s and 250m at 1.485Gb/s |

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 |

Reference input through RRC

| | |
|-----------------|--|
| Number of Input | 2 on USFR18, 2 on USFR08 |
| Tri-level | SMPTE274M, SMPTE296M |
| Bi-level | 600 mVp-p nominal, 75 Ohm terminated through loop 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 | 10 Watt |