

## USF-1013DEMUX Datasheet

### 1. Specifications

#### Basic specifications

Temperature / Humidity	0°C to 40 °C / 30% to 85% (no condensation)
Power	+12V DC (Supplied by USF frame)
Power consumption	1 A
Dimensions	Front Module: 106 (W) x 356 (D) mm Rear module: 114(W) x 20.2 (H)
Weight	0.5 kg
Required Slot	1 Slot

#### Technical specifications

Video formats	3G-SDI: 1080/59.94p, 50p, 60p (Level-A and Level-B) HD-SDI: 1080/59.94i, 50i, 60i 1080/30p, 29.97p, 25p, 24p, 23.98p, 24PsF, 23.98PsF 720/59.94p, 50p, 60p, 24p, 23.98p 1035/59.94i, 60i SD-SDI: 525/59.94i, 625/50i	
SDI Input	3G/HD/SD-SDI BNC x 1	
SDI Output	3G/HD/SD-SDI BNC x 1	
Audio Input		
SDI embedded (3G/HD-SDI)	Number of channels	16 ch
	Sampling rate	16/20/24-bit 48 kHz (Synchronous) 48 kHz (Asynchronous)
SDI embedded (SD-SDI)	Number of channels	16 ch
	Sampling rate	16/20-bit 48 kHz (Synchronous only)
Audio output		
SDI embedded (3G/HD-SDI)	Number of channels	16 ch
	Sampling rate	16/20/24-bit 48 kHz (Synchronous) 48 kHz (Asynchronous)
SDI embedded (SD-SDI)	Number of channels	16 ch
	Sampling rate	16/20/24-bit 48 kHz (Synchronous only)
AES/EBU	Unbalanced, 75Ω BNC x 4	
	Number of channels	8 ch
	Sampling rate	16/20/24-bit 48 kHz (SD - Synchronous only) 48 kHz (3G/HD - Synchronous and Asynchronous)
Audio in/out gain	Adjustable from -20 dB to +20 dB (in 0.1 dB steps)	

I/O delay (SDI IN - OUT)	3G Level-A: Less than 1.0 $\mu$ s 3G Level-B: Less than 1.5 $\mu$ s HD: Less than 1.5 $\mu$ s SD: Less than 2.0 $\mu$ s.
(Audio IN-SDI OUT)	Less than 1.0 ms
SNMP	Supports version v2c

**Accessories**

Screws for rear module installation and DVD-ROM

**2. External Dimensions**

(All dimensions in mm.)

