USF-1013MUX Datasheet

1. Specifications

Basic specifications

Temperature	0 ºC to 40 ºC
Humidity	30% to 85% (no condensation)
Power	+12V DC (Supplied by USF frame)
Consumption	1 A
Dimensions	Front Module: 106 (W) x 356 (D) mm, Rear module: 114 (W) x 20.2 (H) mm
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, per group)	
SDI Embedded (SD-SDI)	Number of channels	16 ch	
	Sampling rate	16/20-bit 48 kHz (Synchronous only)	
AES/EBU	Unbalanced, 75Ω BNC x 4		
	Number of channels	8 ch	
	Sampling rate	16/20/24-bit 32 kHz to 48 kHz (if SRC used) 48 k (Synchronous), 48 kHz(Asynchronous 3G/HD only)	
Time code input	LTC 0.5 V(p-p) to 4.5 V(p-p) BNC x 1		
Audio output			
SDI embedded (3G/HD-SDI)	Number of channels	16 ch	
	Sampling rate	16/20/24-bit 48 kHz (Synchronous), 48 kHz (Asynchronous, per group)	
SDI embedded (SD-SDI)	Number of channels	16 ch	
	Sampling rate	16/20/24-bit 48 kHz (Synchronous only)	
Audio in/out gain	Adjustable from -20 dB to +20 dB (in 0.1 dB steps)		

I/O delay (SDI IN - OUT)	Less than 1.5 µs (No LTC embedding, excluding SD), SD: less than 2.0 µs. Less than 1.8 µs (LTC embedding, excluding SD), SD: less than 3.0 µs.
I/O delay (Audio IN-SDI OUT)	Less than 1.0 ms (if SRC is not used) Less than 1.8 ms (if SRC is used)
SNMP	Supports version v2c

Accessories
Screws for rear module installation and DVD-ROM

2. External Dimensions

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