EXPANSION MODULE SPEC

12GSDI-4OUT

OVERVIEW	
4x BNC uncompressed video outputs for 12G/6G/ 3G/HD-SDI	
FEATURES	
Quad 12G/6G/3G/HD-SDI output module	4x 2160p (3840x2160) 60Hz
Designed For	
ESTUARY MC models with input expansion slots	High bandwidth output expansion module for ESTUARY models
MAX INSTALLABLE	
ESTUARY - MC2	1 module
ESTUARY - MC4	4 modules
INSTALLATION	
Field upgradable expansion module	Can be fitted in to slot 10 only in a ESTUARY MC2 model
Caution	This is not a hot-swappable item. To install or replace the unit has to be powered down and disconnected from the supply. Observe static safety precautions when handling the module. Must be installed by a competent person
VIDEO OUTPUTS	
BNC (Full Size)	4x independent outputs
12G-SDI	SMPTE2082 11.88/11.868Gbps < 0.3 UI jitter
6G-SDI	SMPTE2081 5.94/5.934Gbps < 0.3 UI jitter
3G-SDI	SMPTE424M-AB 2.97/2.967Gbps < 0.3 UI jitter
HD-SDI	SMPTE292M 1.485/1.4835Gbps < 0.2 UI jitter
Chroma sub-sampling	4:2:2
Color Depth	10-bit
Color Space	SDR YUV (L) BT.709
SUPPORTED OUTPUTS RESOLUTIONS	
720p (1280x720)	25, 29.97, 30, 50, 59.94, 60Hz
1080i (1920x1080)	50, 59.94, 60Hz
1080p (1920x1080)	23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
2160p (3840x2160)	23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
AUDIO	
Supported Sampling Rate	48kHz
Sample Size	24 bits
WARRANTY	
Limited warranty	2 years parts and labor (must be installed by a competent person)
Regulatory Compliance	
System / Modules	FCC, CE, RoHS, UL, UKCA
ENVIRONMENTAL	
Operating Temperature	32° to 104°F (0° to +40°C)
Operating Humidity	10% to 85%, Non-condensing
Storage Temperature	14° to +158°F (-10° to +70°C)
Storage Humidity	10% to 85%, Non-condensing
POWER	
Powered by the ESTUARY main unit	