EXPANSION MODULE SPEC

HDMI-4K4IN

OVERVIEW

This high bandwidth module adds four HDMI 2.0, HDCP 2.2 inputs, supporting up to 4K60	
Features	
Quad HDMI 2.0 inputs	4x 2160p (4096x2160) 60Hz
HDCP 2.2	Yes
HDR (High Dynamic Range)	HDR10 and HLG (Hybrid Log Gamma)
Designed For	
ESTUARY MC models with input expansion slots	High bandwidth Input expansion module for ESTUARY models
Max Installable	
ESTUARY - MC2	1 module
ESTUARY - MC4	7 modules
Installation	
Field upgradable expansion module	Can be fitted in to slot 12 only in the ESTUARY - MC2
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 INPUTS

HDMI 2.0	4x 2160p (4096x2160) 60Hz
HDCP	2.2 / 1.4
Chroma sub-sampling (10-bit)	4:2:2
Chroma sub-sampling (8-bit)	4:4:4
Color space	SDR YUV (L) BT.601, BT.709, SDR RGB (L) BT.709, RGB (F) BT.709, HLG YUV (L) BT.2020, HDR10 YUV (L) BT.2020 and auto detect
De-interlacer	Yes

SUPPORTED INPUT RESOLUTIONS

720p (1280x720)	50, 59.94, 60Hz
1080i (1920x1080)	50, 59.94, 60Hz
1080p (1920x1080)	23.98, 24, 25, 29.97, 30, 50, 59.94, 60, 100, 119.88, 120Hz
2160p (3840x2160)	23.98, 24, 25, 29.97, 30, 50, 59.94, 60Hz
2160p (4096x2160)	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	44.1 / 48kHz
Sample size	24 bits
Supported channels	One stereo pair per input

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