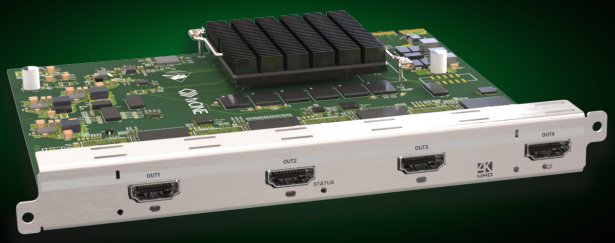
EXPANSION MODULE SPEC

HDMI-4K4OUT



OVERVIEW	
4x HDMI video outputs supporting up to 4K60	
FEATURES	
Quad HDMI 2.0 4K60 output module	4x 2160p (3840x2160) 60Hz
HDCP	2.2
HDR (High Dynamic Range)	HDR10 and HLG (Hybrid Log Gamma)
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	
HDMI	4x independent outputs
HDCP	2.2 / 1.4
Chroma sub-sampling	4:4:4 (8-bit) 4:2:2 (10-bit)
Color Depth	10-bit
Color Space	SDR YUV (L) BT.709, SDR RGB (L) BT.709, RGB (F) BT.709, HLG YUV (L) BT.2020, HDR10 YUV (L) BT.2020
SUPPORTED OUTPUT RESOLUTIONS	
720p (1280x720) 8-bit only	50, 59.94, 60Hz
1080i (1920x1080)	50, 59.94, 60Hz
1080p (1920x1080) 8-bit only below 50Hz	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
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	