

M400 Quad Channel HDMI Encoder

The M400 quad channel HDMI encoder enables Synectics command and control software, Synergy 3, to view recorded and live video from any HDMI source.

This device, available in 1-4 channel configurations, supports video resolutions up to 4K @ 30Hz for applications such as Alarm Receiving Centers. User actions and on-screen information can easily be monitored and captured.

The encoder is also ideal for gaming environments to record working monitors or video output from devices like slot machines, and for projects where compliance requires all monitor outputs to be recorded. The M400 can encode up to full 4K resolution without downscaling.



SPECIFICATIONS*1	
Size (W x D x H)	8.53 x 7.45 x 1.68 in (21.7 x 18.9 x 4.3 cm)
Weight	3 kg / 6.6 lbs
Power Input	100-240V 5-2.5A 50-60Hz
Power Draw	60 Watts (4 Channel Model)
Input Connections	4 x HDMI (Type A)
Output Connections	4 x HDMI (Type A) Pass-Through
Colour Space Capture	RGB and YUV 8- and 10- bit support color space conversion support
Chrome Sampling	4:4:4 (8-bit) / 4:2:2 (8-bit) 4:2:0 (8-bit and 10-bit) / 4:0:0 (8-bit and 10-bit)
Maximum Capture Resolution	4x 3840x2160 @30Hz / 4x 4096x2160 @30Hz
Support for Custom Resolutions	Project dependent; please contact Synectics for details
Video Encoding Formats (Codecs)	H.264/MPEG-4 Part 10 (AVC)
Bitrate Range	Up to 30Mbps per Channel
Network Connector	1x RJ45 with status LED indicators
Network Standard	100/1,000 base-T Ethernet Auto speed
IP Addressing	IPv4 support DHCP (default)/static IP address support
Cooling	Active
Operating Temperature Range	0°C to 45°C / 32°F to 113°F
Storage Temperature Range	-40°C to 70°C / -40°F to 158°F
Operating Humidity Range	20% to 80% non-condensing
Storage Humidity Range	10% to 90% non-condensing
EMC/EMI Device Class	Class B
EMC/EMI Certifications	FCC (US) CE (EU) RCM (Aus/NZ) VCCI (Japan) KC (Korea) ICES-3 (Canada)
Environmental Certifications	EU RoHS China RoHS REACH WEEE

NOTE: *1 Technical specifications subject to change without notice.

Synectics
sales@synecticsglobal.com
synecticsglobal.com

