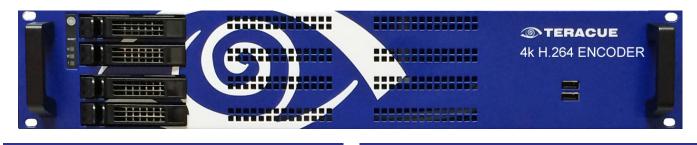
MC-ENC-4K-2RU



4K HD/SD HDMI H.264 Encoder



PRODUCT DESCRIPTION

This 4K HD/SD H.264 Encoder is designed for IPTV and live streaming. It is ideal where single computer based DVI signals or HDMI signals are distributed or published on a network or the internet. The MC-ENC-4K-2RU mainly targets medical, military, control room and training applications where high resolutions up to 4K HDMI signals from medical instruments and cameras, radar devices, digital signage player, or any kind of PC desktop views - need to be shared, published, distributed and recorded.

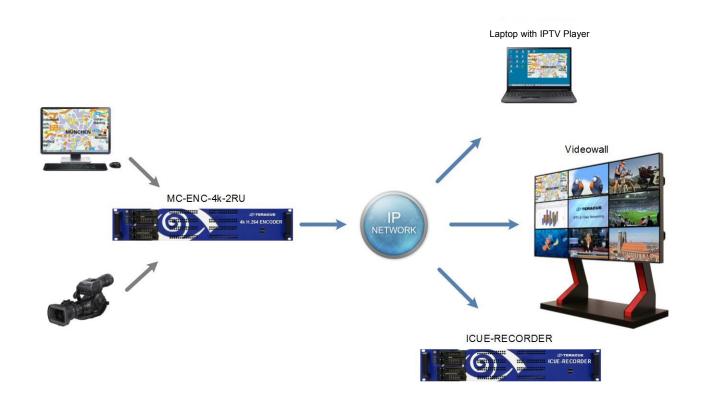
KEY FEATURES

- Real-time encoding of HDMI and DVI signals
- H.264 and MPEG-2 encoding
- Embedded HDMI audio
- 2 HDMI video inputs
- Resolutions up to 4K 3840x2160
- · Logo, time and text inserter
- Adjustable frame rate

APPLICATION

- Digital Signage Streaming
- Medical & Campus TV
- Telemedicine
- Security Monitoring
- Video Monitoring
- Military IP Transmission

- Training & Research
- Broadcast & CDN IP Contribution
- Wireless & Mobile Streaming
- IPTV/OTT Streaming
- Control Rooms & Command Centers
- Stadium & Event TV



MC-ENC-4K-2RU



1920×1080(@60/50fps, 1/280×720)@60/50fps, 1280×1024p@60fps, 1280×800)@60fps, 61024×768p@60fps, 800×600p@60fps, 720×578p@50fps, 720×480p@60fps, 640×480p@60fpsAudio Input:HDMI embedded audioAudio Format:Stereo / 16-bit / 32000 ~ 48000HzVideo encoding:H.264 (MPEG-4 AVC Part 10, ISO/IEC 14496-10). Profiles: Baseline, Main, High MPEG-2 (ISO/IEC 13818-2), Main ProfileVideo encoding bitrates:250Kb/s – 50Mb/s, CBR/VBRVideo encoding:MPEG-4 AAC, data rate 6-256 kbit MPEG-4 Layer 2, data rate 64-384 kbit sample rates: 48 kHz, 16BitMultiplex format:ISO/IEC 13818-2), Main ProfileVideo recoling:MPEG-4 AAC, data rate 64-364 kbit sample rates: 48 kHz, 16BitMultiplex format:ISO/IEC 13818-1 transport ISO/IEC 14496-10 NAL (Network Abstraction Layer)Performance:Streaming of up to 1× 4Kp30 or 2× 1080p60Streaming Protocols:TS over UTP, TS over HTTP, HLS ISO/IEC 14496-10 NAL (Network Abstraction Layer)Protocols:HTTP, TCP/IP control protocol, SNMP traps/alerts, DHCPManagement:HTTP, TCP/IP control protocol, SNMP traps/alerts, DHCPManagement:Windows7 64bitNetwork:2× 10/100/1000TX Ethernet, RJ45, half/full duplex, auto-sensing or manual controlEVIRONMENTALLSterasing or manual controlEvironscins:86 x 482 x 460 mm (HxWxD)	TECHNICAL SPECIFICATION	1:
Video Resolution: 3840×2160@30/25fps, 1920×1080p@60/50/fps, 1280×1024p@60/fps, 1920×1080/g60/fps, 1024×768p@60/fps, 1024×768f@fmance Video resolutions: 320x240 up to 3840x2160 Audio encoding: MPEG-4 AAC, data rate 6-256 kbit MPEG-1 Layer 2, data rate 6-256 kbit MPEG-1 Layer 2, data rate 0-256 kbit MPEG-1 Layer 2, data rate 0-256 kbit Multiplex format: ISO/IEC 13818-1 transport ISO/IEC 1498-10 NAL (Network Abstraction Layer) Multiplex format: ISO/IEC 13818-1 transport ISO/IEC 1498-10 NAL (Network Abstraction Layer) Multicast and Unicast ISO/IEC 10496-10 NAL (Network Abstraction Layer) ISO/IEC 1496-10 NAL (Network Abstraction Layer) Management: HTTP, TCP/IP control protocol, SNMP traps/alerts, DHCP ISO/IEC 1496-10 NAL (Network Ab		
1920×1080 B00(FS0(Fs), 1280×720, @00/S0(Fs), 1280×1024, @00/Fs, 1280×1024, @00/Fs, 1280×1004, @00/Fs, 1280×1024, #00/Fs, 1280×1044, #00/Fs		
Audio Format: Stereo / 16-bit / 32000 ~ 48000Hz Video encoding: H 264 (MPEG-4 AVC Part 10, ISO/IEC 14496-10). Profiles: Baseline, Main, High MPEG-2 (ISO/IEC 13818-2), Main Profile, High Profile Video encoding bitrates: 320x240 up to 3840x2160 Audio encoding: MPEG-4 AAC, data rate 6-256 kbit MPEG-1 Layer 2, data rate 64-384 kbit sample rates: 48 kHz, 1681t Multiplex format: ISO/IEC 13818-1 transport ISO/IEC 14496-10 NAL (Network Abstraction Layer) Performance: Streaming of up to 1× 4Kp30 or 2× 1080p60 Streaming Protocols: TS over UDP, TS over RTP, TS over HTTP, HLS ISO/IEC 14496-10 NAL (Network Abstraction Layer) Multiplex format: ISO/IEC 14496-10 NAL (Network Abstraction Layer) Streaming Protocols: T Control protocol, SNMP traps/alerts, DHCP Management: HTTP, TCP/IP control protocol, SNMP traps/alerts, DHCP Management: Windows7 64bit Network: 2× 10/100/1000TX Ethernet, RJ45, halt/full duplex, auto-sensing or manual control ENVIRONMENTAL 19', 2 RU Dimensions: 86 x 482 x 460 mm (HxWxD) Weight: 10 kg Temperature: +5 to +60°C environmental temperature Power supply: 2x 260 Watt PSU, typical 120 Watt, 100-240V, 47-63 Hz (hot swappable) Limited warranty 1	Video Resolution:	1920×1080i@60/50fps, 1280×720p@60/50fps, 1280×1024p@60fps, 1280×960p@60fps, 1024×768p@60fps, 800×600p@60fps, 720×576p@50fps,
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MC-ENC-4K-2RU-WE One year warranty extension for a maximum of 5 years.	MC-SWMAIN	
	MC-ENC-4K-2RU-WE	One year warranty extension for a maximum of 5 years.

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