

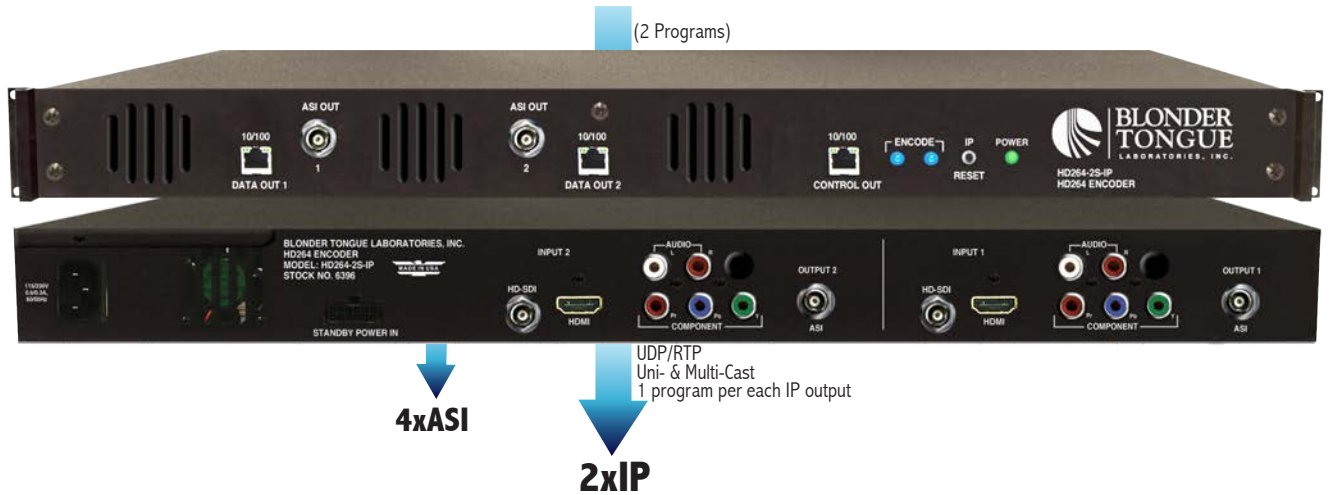


HD264-2S-IP (H.264 HD Encoder – 2xHD-SDI/2xHDMI/2xComponent – 2xIP) accepts up to two (2) programs from any of the following inputs: 2xHD-SDI, 2xHDMI (unencrypted), and 2xComponent. Each input program, if applicable is first digitized, then H.264 or MPEG-2 encoded into a high-definition Single Program Transport Stream (SPTS), and finally IP-encapsulated and delivered in 10/100Base-T Ethernet format as an output. Each SPTS is also available via two (2) identical ancillary outputs in ASI format.

The encoder supports Dolby® Digital audio encoding, and Closed Captioning (EIA-608 and EIA-708). It is also equipped with an auto-sensing relay that allows switching to an optional redundant power supply in the unlikely event of primary power supply failure.

Comprehensive remote monitoring and control is accomplished using any standard Web browser via a front-panel 10/100Base-T Ethernet connection.

2xHD-SDI + 2xHDMI + 2xComponent



FEATURES

- Accepts up to two (2) programs from any of the following inputs: 2xHD-SDI, 2xHDMI (unencrypted), and 2xComponent
- Digitizes & H.264 or MPEG-2 encodes up to two (2) input programs into two (2) 10/100Base-T Ethernet outputs
- Supports four (4) ancillary outputs in ASI format (2 identical ASI outputs for each input program)
- Provides comprehensive GUI-based monitoring and control via standard Web browsers
- Supports Closed Captioning EIA-608 and EIA-708
- Supports Real-time Dolby® Digital audio encoding
- Provides optional redundant power supply
- Supports user-defined PSIP configuration

ORDERING INFORMATION

Model	Stock #	Description
HD264-2S-IP	6396	H.264 HD Encoder; 2xHD-SDI + 2xHDMI + 2xComponent inputs; 2xIP + 4xASI outputs
HD264-SPS	6397	2x Standby Power Supply (supports 2x 6396 units)



6397

Rev. No: 120608

SPECIFICATIONS

INPUT

HD-SDI	Connectors: 2x BNC Standard: SMPTE 292M Video Resolution: 480i, 720p, & 1080i Audio: Embedded PCM and pass-through Dolby® Digital only
HDMI	Connectors: 2x HDMI Video Resolution: 480i, 720p & 1080i HDCP Encryption: Not supported Audio: Embedded PCM and pass-through Dolby® Digital only
Component	Connectors: 2 sets each 3x RCA for Video (Y, Pb, Pr) 2 sets each 2x RCA for Analog Audio (L, R) Video Resolution: 480i, 720p, & 1080i Video Aspect Ratio: 4:3 & 16:9

H.264 Video Encoding Profile	Output Format: H.264; ISO/IEC 14496 Chroma: 4:2:0 Resolution: 1280x720p; 1920x1080i Frame Rate: 29.97 fps (1080i) Aspect Ratio: 16:9 GOP Structure: Dynamic Transport Rate: Variable (user-selectable) Video Bit Rate: Variable (user-selectable) Color Space: YCbCr
MPEG-2 Video Encoding Profile	Output Format: MPEG-2 HD MP@ML; ISO 13818-2 Chroma: 4:2:0 Resolution: 720x480i; 1280x720p; 1920x1080i Frame rate: 29.97 fps (480i); 29.97 fps (1080i); 59.97 fps (720p) Aspect Ratio: 4:3 & 16:9 GOP Structure: Dynamic Transport Rate: Variable (user-selectable) Video Bit Rate: Variable (user-selectable) Color Space: YCbCr and RGB
Audio Encoding Profile	Output Format: Dolby® Digital, MPEG-1 Layer 2, AAC Sampling rate: 48 kHz Bit rate: Variable; 48-384 Kbps (user-selectable)
Closed Captioning	HD-SDI: EIA-708; Embedded in HD-SDI input HDMI: Not supported Component: EIA-608

OUTPUT

IP	Connectors: 2x RJ45 (Front-panel) Standard: IEEE 802.3 10/100Base-T Ethernet UDP/RTP: Supported (user-selectable) Address Assignment: 2x IPv4 addresses & port numbers (user-selectable)
ASI	Connectors: 2x BNC (Front-panel) 2x BNC (Rear-panel; duplicate of front panel ASI output) Format: DVB-ASI Standard: ETSI EN 50083-9

ALARMS/MONITORING/CONTROL

Local Monitoring:	2x Encoder LEDs 1x Power LED
Local Control:	1x IP Reset button
Remote Monitoring/Control:	GUI-based menu via standard Web Browsers (1x RJ45 front panel connector; 10/100Base-T)

GENERAL

Dimensions (W x D x H):	19.0 x 15.9 x 1.75 inches (483 x 404 x 44 mm)
Power:	115-230 VAC, 60/50 Hz
Power Dissipation:	105 W (max)
Weight:	8 lbs (3.6 kg)
Operating Temperature:	32 to 122 °F (0 to 50 °C)
Storage Temperature:	-13 to 158 °F (-25 to 70 °C)
Operating Humidity:	0 to 95% RH @ 35 °C max, non-condensing
Storage Humidity:	0 to 95% RH @ 35 °C max, non-condensing

RELATED PRODUCTS

Model	Description
HDE-4S-QAM	MPEG-2 HD Encoder; 4xHD-SDI + 4xComponent inputs; 4xQAM + 4xGigE + 4xASI outputs; EAS compatible; 1RU
HDE-2H/2S-QAM	MPEG-2 HD Encoder; 2xHDMI + 2xHD-SDI + 4xComponent inputs; 4xQAM + 4xGigE + 4xASI outputs; EAS compatible; 1RU
HDE-2H-QAM	HD Encoder; 2xHDMI + 2xComponent inputs; 1xQAM output; EAS compatible; 1RU
HDE-2C-QAM	HD Encoder; 2xComponent inputs; 1xQAM output; EAS compatible; 1RU
HDE-ASI	HD/SD Encoder; 1xHD-SDI + 4xSD-SDI + 4xAV inputs; 1xASI output; 2RU
SD10E-QAM	SD Encoder; 10xSD-SDI + 10xAV inputs; 1xQAM + 1xASI outputs; EAS compatible; 2RU
AV10E-QAM	SD Encoder; 10xAV inputs; 1xQAM + 1xASI outputs; EAS compatible; 2RU

Purchase from:



800-423-2594

www.multicominc.com