



DT-IP-ENC-4 and DT-IP-ENC-8

4 or 8 Channel HDMI to IPTV Encoder



The **DataTronix DT-IP-ENC Series** HDMI to IPTV Encoders are professional-grade solutions designed for commercial AV and IPTV applications requiring reliable, high-quality HD video distribution across IP networks and QAM headend systems. Available in both **4-channel (DT-IP-ENC-4)** and **8-channel (DT-IP-ENC-8)** configurations, these encoders convert HDMI video sources into stable IP streams using UDP and RTP protocols for seamless content delivery throughout a facility.

Supporting both MPEG-4 (H.264) and MPEG-2 video encoding, along with multiple audio formats including MPEG-1 Layer II, AAC, and AC3, the DT-IP-ENC Series provides broad compatibility with IPTV systems, QAM modulators, digital signage platforms, and enterprise AV networks.

Engineered for continuous 24/7 operation, the DT-IP-ENC Series provides flexible unicast and multicast streaming capabilities, PSI/SI generation, and intuitive web-based management for simplified deployment and remote administration.

Key Features

- Available in 4-channel and 8-channel models
- Supports HDMI 1.4 input sources
- MPEG-4 (H.264) and MPEG-2 video encoding
- Supports UDP and RTP transport protocols
- Unicast and multicast streaming support
- SPTS IP output
- MPEG-1 Layer II, AAC, and AC3 audio encoding
- Supports up to 1080p HD video input resolution
- Gigabit Ethernet output port
- Web-based management and configuration interface
- Remote network management support
- PSI/SI generation
- Rack-mountable 1RU chassis design
- Engineered for reliable 24/7 IPTV and AV distribution operation

Specifications

Input

Input connector (Rear panel)	4 x HDMI 1.4 or 8 x HDMI 1.4
Video Encoding	MPEG2 or MPEG4 (H.264)
Video Input Resolution	1920 x 1080_60P/_50P, 1920 x 1080_60i/_50i, 1280 x 720_60P/_50P
Audio Encoding	MPEG 1 Lay II, AAC, AC3

Output

Output connector	1 x 1000Mbps port
Transport Protocol	UDP, RTP
Output Transport Stream	SPTS
Broadcasting Mode	Unicast and Multicast

TS Processing

Advanced PSI/SI regeneration	Yes
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General

Input voltage	110VAC to 12VDC 5A power supply included
Power consumption	Less than 49.1 W
Rack space	1RU
Dimensions(WxHxD)	19.09" × 1.73" × 9.44" (485 x 44 x 240mm)
Weight	DT-IP-ENC-4: 4.60 lbs. (2.08 kg), DT-IP-ENC-8: 4.70 lbs. (2.13 kg)
Warranty	1-Year Limited Warranty

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DT-IP-ENC-4 | DT-IP-ENC-8 | 05272026