

K 16-Channel HDMI Encoders & IP Streamers

Sixteen sources. One rack platform.

The BLANKOM **HDE-16265** and **HDE-16265L** bring sixteen HDMI sources onto IP networks in a modular **19-inch, 3U** chassis. Combine broadcast, presentation and media-player feeds in a single encoding platform.

Each channel supports **Full HD up to 1080p60**, embedded or external audio and configurable IP streams. The **HDE-16265L** adds one **HDMI loop-through output per channel** for local signal access.

Key Features

- ✓ **16-channel density.** Consolidate multiple HDMI feeds in one 3U rack enclosure.
- ✓ **Multi-profile streaming.** One main and three secondary streams per input; tailor profiles to receiving devices.
- ✓ **Flexible compression.** H.265/HEVC, H.264/AVC and MJPEG/JPEG support for compatible workflows.
- ✓ **Broad IP delivery.** SRT, RTMP/RTMPS, RTSP, HTTP, HLS and UDP/RTP unicast or multicast.
- ✓ **Channel-level connectivity.** Dedicated Gigabit Ethernet and analog stereo audio input on each module.
- ✓ **Redundant power.** Dual power supplies with 1:1 redundancy for installed systems.
- ✓ **Remote configuration.** Browser-based control, network firmware updates, logo and text overlays.

- ❑ 16 HDMI inputs • 1080p60
- ❑ H.265 / H.264 encoding
- ❑ Dual redundant power
- ❑ HDMI loop on L model

1080p FULL HD Encoder & Streamer



Applications & Model Choice

IPTV headends

Encode multiple programme sources for distribution over managed IP networks.

Corporate & education

Combine lecture rooms, presentations and local television feeds in one rack.

Hospitality & venues

Distribute HDMI sources to compatible IPTV receivers and network displays.

CHOOSE YOUR HDMI CONNECTIONS

HDE-16265

16 HDMI inputs for direct IP encoding.

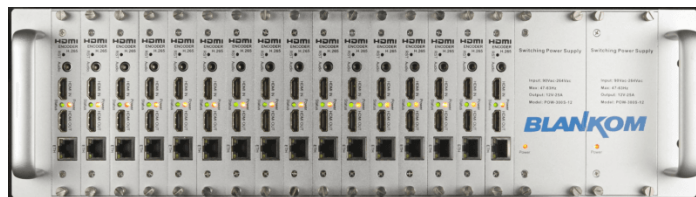
HDE-16265L

16 HDMI inputs + 16 HDMI loop-through outputs for local monitors or downstream equipment.

Panel Views & Model Comparison



HDE-16265 · 16 HDMI inputs



HDE-16265L · 16 HDMI inputs + 16 loop outputs

Both models: 16 encoding modules with individual Ethernet and analog audio connections; dual power supplies. The L model adds HDMI OUT on every channel. Product appearance may vary by revision.

VIDEO & CHANNEL CAPACITY

HDMI inputs	16 × HDMI
HDMI loop outputs	HDE-16265: none HDE-16265L: 16 × HDMI
Input / main stream	Up to 1920 × 1080 at 60 fps; 1080i, 720p and SD formats
Video codecs	H.265/HEVC, H.264/AVC, MJPEG/JPEG
Streams per channel	1 main + 3 secondary streams
Secondary resolution	Up to 1280 × 720
Video bitrate	0.1–32 Mbps, configuration dependent
Frame rate	5–60 fps, format dependent
Rate control / GOP	CBR / VBR; IBBP
Image processing	De-interlacing, noise reduction, sharpening

AUDIO ENCODING

Audio sources	HDMI embedded or external analog stereo, selectable per channel
Analog connections	16 × 3.5 mm stereo input
Audio codecs	AAC / AAC+ / AAC++, MP3, MP2, AC-3, G.711
Sampling	44.1 / 48 kHz
Audio bitrate	12–640 kbps, codec dependent

NETWORK & OPERATION

Ethernet	16 × RJ45 Gigabit Ethernet; one per encoding channel
Streaming protocols	SRT, HTTP, HLS, FLV, RTSP, RTMP/RTMPS, UDP/RTP
IP distribution	Unicast / multicast
Integration	ONVIF; VLC / FFmpeg modes
OSD overlays	BMP logo and text insertion
Management	Web browser GUI via Ethernet
Firmware updates	Network upgrade
Operating system	Embedded HiLinux

CHASSIS & POWER

Installation	19-inch rackmount, 3U
Architecture	Modular, 16-channel chassis
Power supplies	Dual PSU; 1:1 redundancy
AC supply	100–240 V AC, 50/60 Hz
Weight	Approx. 6.5 kg

Selection & Configuration

Choose **HDE-16265** for HDMI-to-IP encoding, or **HDE-16265L** when each source also needs a local HDMI loop-through connection. Specify source formats, stream profiles, audio source and delivery protocols. Match codec and bitrate to the receivers and network capacity; maximum stream resolutions depend on the operating configuration.

Specifications are subject to change without prior notice.