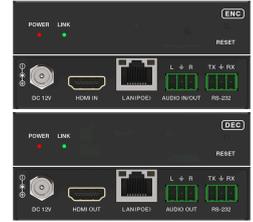


# 1080P60 H.265/H.264 AV over IP Encoder/Decoder

Compact Form Factor, Matrix & Video Wall up to 9x9, RS-232 Control & Seamless Switching over 1G

MPN: AVO-IP265-HD



A compact, low-power 1080P60 H.265/H.264 AV over IP encoder/decoder pair that distributes full-HD content to any number of displays over a standard 1G managed network. At 120x95x21.5mm and under 3 watts per unit, the AVO-IP265-HD rack-mounts up to 12 units in 4U or 8 units in 1U — the right choice for digital signage, education, retail, and corporate AV distribution.

Supports matrix switching, video wall up to 9x9, unicast and multicast distribution, analog audio embedding and extracting, RS-232 pass-through, and web GUI configuration. RTSP sub-streams allow VLC preview. Managed by the AVO-IPCTL-265HD controller. Encoder and decoder sold separately.

<b>1080P60</b> H.265/H.264	<b>Compact</b> 120x95x21.5mm	<b>9x9 Wall</b> 81 Displays	<b>Rack Dense</b> 12/4U or 8/1U	<b>2.64W</b> Ultra-Low Power	<b>PoE 802.3af</b> No PSU Needed
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## KEY FEATURES

- H.265/H.264 codec — 1080P@60Hz 4:4:4, up to 1920x1200@60Hz, HDMI 1.3, HDCP 1.4
- Compact form factor: 4.72" x 3.74" x 0.85" (120 x 95 x 21.5mm), 0.65 lbs per unit
- Rack-dense: 4U rack (12 units) or 1U rack (8 units)
- Matrix switching, video wall up to 9x9, unicast and multicast over 1G managed network
- Seamless switching — no black screen, jitter, or tearing
- Analog audio embedding (encoder) and extracting (decoder) — LPCM 2.0CH
- Configurable main stream and sub stream — RTSP preview via VLC
- RS-232 pass-through and guest mode — Web GUI configuration
- Ultra-low power: Encoder 2.64W / Decoder 3.1W — PoE 802.3af or DC 12V/1A
- Works with AVO-IPCTL-265HD (CTL100H) controller

## SPECIFICATIONS

<b>Video / Codec</b>	H.265/H.264 — 1080P@60Hz, up to 1920x1200@60Hz, HDMI 1.3, HDCP 1.4, 4.95Gbps
<b>Color / Audio</b>	RGB/YCbCr 4:4:4/4:2:2   LPCM 2.0CH (32/44.1/48kHz)   Analog IN/OUT
<b>Encoder Connections</b>	1x HDMI IN   1x LAN/PoE (RJ45)   1x Audio IN/OUT (3-pin Phoenix)   1x RS-232
<b>Decoder Connections</b>	1x HDMI OUT   1x LAN/PoE (RJ45)   1x Audio OUT (3-pin Phoenix)   1x RS-232
<b>Power</b>	PoE 802.3af Class 3 or DC 12V/1A   Encoder: 2.64W / Decoder: 3.1W
<b>Transmission</b>	Up to 328ft / 100m via CAT5E/6/6A/7
<b>Dimensions (WxDxH)</b>	4.72" x 3.74" x 0.85" (120 x 95 x 21.5mm) per unit
<b>Weight</b>	0.65 lbs (294g) per unit
<b>Rack Mounting</b>	4U rack: up to 12 units   1U rack: up to 8 units

## PACKAGE CONTENTS

Each unit includes: 2x 3-pin Phoenix connectors | 2x Mounting ears | 4x Screws | 1x DC 12V/1A locking PSU | User manual. *Encoder and decoder sold separately.*

