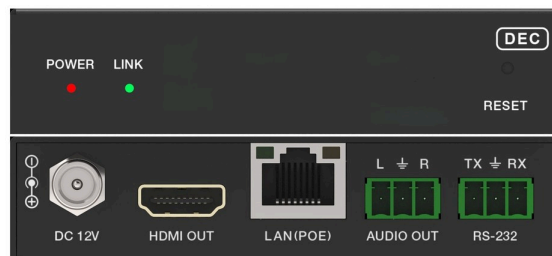


1080P60 H.265 AV over IP Decoder

Add Displays Without Adding Encoders — Matrix & Video Wall up to 9×9, RS-232 Control over 1G

MPN: AVO-IP265HD-DEC



Decodes any AVO-IP265HD encoder's H.265/H.264 IP stream to a connected HDMI display, letting integrators add screens to a distribution system without adding encoders. At 120×95×21.5mm and 3.1 watts, the AVO-IP265HD-DEC rack-mounts up to 12 units in 4U or 8 in 1U — built for digital signage, education, retail, and corporate AV where display counts grow independently of sources.

Supports matrix switching, video wall up to 9×9, unicast and multicast reception, analog audio extraction, and RS-232 pass-through, all configurable via web GUI. Pair to any encoder via RS-232 command (!OUT xxx FR yyy) or the AVO-IPCTL-265HD controller. Encoders (AVO-IP265HD-ENC) sold separately.

1080P60 H.265 / H.264	Compact 120×95×21.5mm	9×9 Wall 81 Displays	Rack Dense 12 / 4U or 8 / 1U	3.1W Ultra-Low Power	PoE 802.3af No PSU Needed
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KEY FEATURES

- H.265/H.264 codec — 1080P@60Hz 4:4:4, up to 1920×1200@60Hz, HDMI 1.3, HDCP 1.4
- Compact form factor: 4.72" × 3.74" × 0.85" (120 × 95 × 21.5mm), 0.65 lbs per unit
- Rack-dense: 4U rack (up to 12 units) or 1U rack (up to 8 units)
- Decodes any AVO-IP265HD encoder stream to a connected HDMI display
- Matrix switching, video wall up to 9×9, unicast and multicast reception over 1G
- Analog audio extraction — LPCM 2.0CH to the 3-pin Phoenix output
- Decoder-to-encoder pairing via RS-232 command (!OUT xxx FR yyy) or controller
- RTSP sub-stream for VLC and third-party application preview
- Web GUI for video configuration, scaling, picture settings, firmware updates
- PoE 802.3af Class 3 PD or DC 12V/1A — ultra-low power: 3.1W
- Works with AVO-IPCTL-265HD (CTL100H) controller

SPECIFICATIONS

Video / Codec	H.265/H.264 — 1080P@60Hz, up to 1920×1200@60Hz, HDMI 1.3, HDCP 1.4, 4.95Gbps
Color / Audio	RGB/YCbCr 4:4:4 / 4:2:2 LPCM 2.0CH (32/44.1/48kHz) Analog audio OUT
Decoder Connections	1× HDMI OUT 1× LAN/PoE (RJ45) 1× Audio OUT (3-pin Phoenix) 1× RS-232
Streams	Main up to 8Mb/s Sub 640×360 @ 1Mb/s
Video Wall	Up to 9×9 (81 displays)
Transmission	Up to 328ft / 100m via CAT5E/6/6A/7
Power	PoE 802.3af Class 3 or DC 12V/1A 3.1W
Dimensions (W×D×H)	4.72" × 3.74" × 0.85" (120 × 95 × 21.5mm)
Weight	0.65 lbs (294g) per unit
Rack Mounting	4U rack: up to 12 units 1U rack: up to 8 units
Default IP / Login	169.254.100.253 admin / admin

PACKAGE CONTENTS

Each AVO-IP265HD-DEC includes: 2× 3-pin Phoenix connectors | 2× Mounting ears | 4× Screws (KM3) | 1× DC 12V/1A locking PSU | User manual. Encoder (AVO-IP265HD-ENC) sold separately.



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