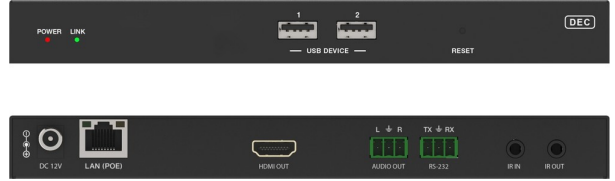


1080P60 H.265 AV over IP KVM Decoder

Add KVM Displays Without Adding Encoders — USB-KVM & Bidirectional IR, Video Wall up to 9×9 over 1G

MPN: AVO-IP265HDK-DEC



Adds a display with keyboard, mouse, and IR control of the source to your AV-over-IP system without adding an encoder — over the standard 1G network you already have. A compact 1080P60 H.265/H.264 AV-over-IP KVM decoder, the AVO-IP265HDK-DEC brings USB-KVM and bidirectional IR to every endpoint and racks up to 10 units in 6U or 4 in 1U — the right choice for control rooms, command centers, education, and corporate AV where display and control points grow independently of sources.

It receives any AVO-IP265HDK encoder's stream by unicast or multicast, drives matrix switching and video wall up to 9×9, extracts analog audio, and passes RS-232 / IR through — all configured through the web GUI, with USB DEVICE ports for the operator's keyboard and mouse. Pair it to a source with the AVO-IPCTL-265HD controller or an RS-232 command. Sold as a standalone decoder, it turns KVM expansion into a simple add-on. Encoders (AVO-IP265HDK-ENC) sold separately.

1080P60 H.265 / H.264	USB-KVM 2× Device	9×9 Wall 81 Displays	Bi-Dir IR IR IN + OUT	2.77W PoE 802.3af	Rack Dense 10 / 6U or 4 / 1U
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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
- USB-KVM — 2× USB DEVICE (Type A) for the operator's keyboard and mouse at the display
- Bidirectional IR — IR IN + IR OUT (3.5mm) for IR pass-through to and from the source
- Decodes any AVO-IP265HDK encoder stream to a connected HDMI display
- Compact form factor: 8.03" × 3.74" × 0.85" (204 × 95 × 21.5mm), 1.03 lbs
- Rack-dense: 6U rack (up to 10 units) or 1U rack (up to 4 units)
- 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
- RTSP sub-stream for VLC and third-party application preview
- RS-232 pass-through, guest mode, and single-machine control (no controller box); Web GUI for scaling and firmware
- PoE 802.3af Class 3 PD or DC 12V/1A — 2.77W; works with AVO-IPCTL-265HD 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
USB-KVM	2× USB DEVICE (Type A) — keyboard/mouse at the display
Decoder Connections	1× HDMI OUT 1× LAN/PoE Audio OUT (3-pin Phoenix) 1× RS-232
IR	IR IN + IR OUT (3.5mm, bidirectional, 20K–60KHz)
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 2.77W
Dimensions (W×D×H)	8.03" × 3.74" × 0.85" (204 × 95 × 21.5mm)
Weight	1.03 lbs (467g) per unit
Rack Mounting	6U rack: up to 10 units 1U rack: up to 4 units
Default IP / Login	169.254.100.253 admin / admin

PACKAGE CONTENTS

Each AVO-IP265HDK-DEC includes: 2× 3-pin Phoenix connectors | 1× IR receiver + 1× IR blaster cable | 2× Mounting ears | 4× Screws
| 1× DC 12V/1A locking PSU | User manual. Encoder (AVO-IP265HDK-ENC) sold separately.



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