H.265 AV over IP System Controller — 100M

Cost-Effective Matrix Switching & Video Wall Management for H.264/H.265 Systems — Dual 100M Network Isolation, Web GUI & GPIO Control

MPN: AVO-IPCTL-265HD

Delivers cost-effective centralized management of H.264/H.265 AV over IP systems over 100M networks — with drag-and-drop matrix switching, video wall configuration, and dual-network isolation from a browser-based web GUI.

Core H.265 matrix and video wall management at an accessible price point. Works with AVO-IP265-4K, AVO-IP265-HD, and AVO-IP265-HDK H.265 AV over IP endpoints.

Matrix Switching	**Video Wall** 9 Walls	**Dual 100M** Isolated	**Web GUI** Control	**GPIO** Automation	**PoE** Powered

KEY FEATURES

- Web GUI control of H.264/H.265 AV over IP encoders and decoders — drag-and-drop matrix and video wall
- Matrix switching — one-to-one, one-to-many, one-to-all routing
- Video wall — up to 9 walls, 9 Class Presets per wall
- Dual 100M network ports — VIDEO LAN (PoE) + CONTROL LAN for AV/IT isolation
- RS-232 with MCU/Normal DIP switch (serial control or firmware upgrade mode)
- 4-channel GPIO + IR IN (12V) — HTTPS/SSH security, 6–8 digit password
- Three Video LAN IP modes: Auto, DHCP, Static
- PoE 802.3af PD — DC 12V/1A adapter included
- Works with AVO-IP265-4K, AVO-IP265-HD, AVO-IP265-HDK encoder/decoder family

SPECIFICATIONS

	Technical
Network / Control	100M • Web GUI, TCP/IP, RS-232, IR, SSH, HTTPS • 192.168.6.100 / controller.local
	Connection
LAN	2× 100M RJ45 — VIDEO LAN (PoE) + CONTROL LAN
RS-232	1× 3-pin 3.81mm Phoenix • MCU/Normal DIP switch
Digital I/O	6-pin Phoenix — 4-ch GPIO, GND, VOUT 5V or 12V (DIP)
IR IN	3.5mm, 12V level, 20kHz–60kHz
	Physical
Dimensions (W×D×H)	8.03″ × 3.88″ × 0.85″ (204 × 98.5 × 21.5mm)
Weight / Power	1.12 lbs (509g) • DC 12V/1A or PoE • 4.5W max
	Compatible Endpoints
Works With	AVO-IP265-4K, AVO-IP265-HD, AVO-IP265-HDK — H.265 AV over IP Encoder/Decoder family

PACKAGE CONTENTS

1× Controller   1× IR Receiver Cable 1.5m   1× 3-pin Phoenix connector   1× 6-pin Phoenix connector   2× Mounting ears   1× DC 12V/1A adapter