

AVIP-H265-1G-CTL

Control box H265 4K60 4:4:4

AV over IP

FEATURE:

- Easy to create, control and manage the system
- HTTPS, SSH security compatible
- Support video AES256 security encryption
- Built-in Web GUI control interface, supporting Drag & Drop operations
- Support image preview
- Support video, audio, RS-232, KVM control and management of the distributed system
- Dual 1G network ports (VIDEO LAN port supports POE function) to isolate Controls and video networks
- Support IP camera imported as source
- Dual RS-232 ports, capable of connecting to central control or controlling external devices
- Support IR signal receiving and loop output (3.5mm audio jack, 12V level)
- 4 channel GPIO control ports (5V/12V optional level)
- Multiple circuits protection, lightning protection and ESD design
- Reliable system design, ensuring 7*24 hours reliable and stable work



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This H.264/265 Video over IP Controller is designed to manage and control IP-based products. It features dual 1G network ports, enabling dual-network isolation between the control network and video distribution network. The controller supports Web GUI, TCP, RS-232, IR, and GPIO control methods, as well as POE functionality. With the growing demand for IP products, this controller is expected to be widely used in an increasing number of diverse applications.



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SPECIFICATIONS:

Technical

Network Bandwidth	1G
Transmission Distance	100m (CAT5E/6/6A/7)
Dimensions	204mm (W) × 117.5mm (D) × 21.5mm (H)

Connections

Control	2 x 1G LAN [RJ45 connector] [VIDEO LAN supports POE]
	1 x IR IN [3.5mm audio jack, 12V level]
	1 x IR OUT [3.5mm audio jack, 5V level]
	1 x DIGITAL I/O [6-pin 3.81mm phoenix connector]
	2 x RS-232 [3-pin 3.81mm phoenix connector]
	1 x UPDATE [Micro USB, 5-pin female]

Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions	204mm (W) × 117.5mm (D) × 21.5mm (H)
Weight	597g
Power Supply	12V/2.5A
Power Consumption	6.84W
Operation Temperature	32°F - 104°F / 0°C - 40°C
Storage temperature	-4°F - 140°F / -20°C - 60°C
Relative Humidity	20 - 90% RH (no condensation)