

NEXIS

H.264/265 Video over IP Controller

HK200C



1. Introduction

This H.264/265 Video over IP Controller is used to control and manage IP products. It supports dual 1G network ports, which can realize dual-network isolation of Control network and video distribution network. The product supports Web GUI/TCP/RS-232/IR/GPIO controls and POE function. Since the demand of IP products is daily increased in the current market, the IP Controller will be widely applied in more and more different scenarios.

2. Features

- ☆ 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

3. Package Contents

- ① 1 x H.264/265 Video over IP Controller
- ② 1 x 20kHz-60kHz 12V IR Receiver Cable (1.5 meters)
- ③ 1 x IR Blaster Cable (1.5 meters)
- ④ 2 x 3-pin 3.81mm Phoenix Connector (Male)
- ⑤ 1 x 6-pin 3.81mm Phoenix Connector (Male)
- ⑥ 2 x Mounting Ear
- ⑦ 4 x Machine Screw (KM3*6)
- ⑧ 1 x 12V/2.5A Locking Power Adaptor
- ⑨ 1 x User Manual

4. Specifications

Technical	
Network Bandwidth	1G
Transmission Distance	100m (CAT5E/6/6A/7)
Control Ports	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]
Dimensions	204mm (W) × 117.5mm (D) × 21.5mm (H)
Housing	Metal Enclosure
Color	Black
Weight	597g
Power Supply	12V/2.5A
Power Consumption	6.84W
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)

5. Application Example

