

H.264/265 4K60 AV over IP Encoder and Decoder with KVM, HDMI & USB-C In



IPX-HC9-ED

Introduction

The product is based on H.265/264 technology. Encoder/Decoder defined device features HDMI and USB-C dual inputs, with a video resolution of up to 4K60 4:4:4. It supports audio embedding and de-embedding function, USB 2.0/KVM/Camera, 1G Ethernet, bi-directional RS-232, two-way IR and PoE function.

The USB-C IN 1 port supports video/audio/USB data transmission and power charging to USB-C source device by USB-C adapter connected to the USB-C IN 2 port.

Features

- ☆ HDCP 2.2/2.3 Support
- ☆ Support 18Gbps video bandwidth
- ☆ Video resolution is up to 4K60 4:4:4, as specified in HDMI 2.0b
- ☆ Low Latency of 16ms
- ☆ Signal transmission distance can be extended up to 328ft / 100m via CAT6/6A/7 cable
- ☆ With HDMI and USB-C dual inputs, supporting auto switching (switch to the corresponding signal input channel automatically when the signal source is connected and detected)
- ☆ The USB-C IN 1 port supports video/audio/USB data transmission and power charging to USB-C source device by USB-C adapter (up to PD 100W) connected to the USB-C IN 2 port
- ☆ Transmit video, analog/digital audio, IR , RS-232, and USB 2.0 signal over Ethernet
- ☆ Audio embedding and de-embedding are supported
- ☆ Support unicast and multicast functions
- ☆ Support point-to-point, video matrix and video wall functions
- ☆ Standard PoE (802.3at PD device) or local 12V power supply
- ☆ Smart networking design for easy and flexible installation
- ☆ Text Overlay
- ☆ Security Management
- ☆ Visually Lossless Picture Quality

H.264/265 4K60 AV over IP Encoder and Decoder Manager



IPX-CTL

Introduction

- ☆ Built-in Web GUI for easily system setup and management
- ☆ Intuitive 'drag & drop' source selection with video preview
- ☆ Supports APP and GUI Access Management Control
- ☆ Advanced signal management for AV, RS-232 and USB routing
- ☆ 2x 1G RJ45 LAN to bridge existing network to video over IP network
- ☆ External devices control via IO with 5V, 12V level configurable
- ☆ Control API via RS-232 and TCP/IP
- ☆ Security managements
- ☆ PoE (802.3at PD device) or local 12V power supply