DP-810

4K Video IP Encoder Module

The DP-810 is a low-power Linux-based system module that provides video encoding and transmission of 4K video. It supports the standard HDMI interface or allows for the direct connection to the Data I/O connector on Sony 4K series block cameras. Video can be encoded to Ethernet or WiFi in video resolutions up to 4K30p. The DP-810 also provides physical power, USB, and serial/VISCA interfaces for complete camera control.

DP-810 Features

- HDMI Video Input Support up to 4K30p
- Supports Direct Connection to Sony FCB-ES8230, FCB-ER8300, FCB-ER8530, FCB-ER8550, and FCB-EW9500 block cameras
- 4K HEVC (H.265) and H.264 Video Encoding
- 10/100/1000 Ethernet
- RTSP with Authentication
- Serial/VISCA Camera Control Over IP
- HDMI Preview Output
- Integrated 802.11ac WiFi
- Micro-SD Card Interface for Recording
- On-Board Frame Buffer for Robust Video Transmission
- Power, USB, and VISCA Interface to Camera
- ONVIF Profile S Support
- HTTP Web Setup and Configuration Utility

DP-810 Applications

- IoT and Embedded Edge Devices
- Remote Monitoring
- Robotics
- Traffic Control

- Security and Surveillance
- UAV and UAS Systems
- Object Tracking
- Video Recording

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