EHA300

Network Adapter

EdgeHandler Adapter (EHA300) is a network adapter which is connected to the target device such as HDMI output device, PC, DVR, NVR and I/O devices. It can convey mouse, keyboard and control information and transmit video through IP network remotely. With EdgeHandler Decoder (EHD200), remote video devices can be controlled.

Tech Notes

• Backdoor Issue free

- Non Hi-Silicon

Easy Integration of other vendors DVR, NVR, VMS

- If the video output format of DVR system is admitted to EdgeHandler™ Adapter, most of systems are managed remotely.

Real-time streaming of HDMI Video

- various Video compression standard support (H.265/H.264/MJPEG)
- The fastest proprietary streaming Engine embedd
  (Selectable Video Bandwidth, Selectable Video Quality / Resolution)

No additional Software installation needed

- No dependency of operating system (Windows/Linux/MAC)
- Supports any PC/Embedded H/W Irrelevant to Virus infection of HDMI output device
- No impact on the system performance of HDMI output device

Strong Security & Encryption

- Strong Security & Encryption by using proprietary hardware key
- Supports AES, DES, RSA algorithms through Hardware Accelerator

Applications -POS Surveillance System

- Ideal for small to mid-sized retail managers and store owners
- Monitor IP surveillance cameras, DVRs for suspicious events

IP Camera interface available with Decoder

- Real-time monitoring by registering IP Cameras Any DVR/NVR can be monitored and controlled by using Adaptor
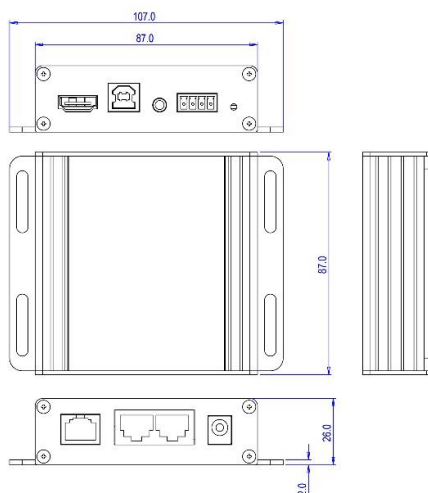
Easy Integration of any PC system

- PC can be controlled remotely seeing the video screen in real-time

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Technical Specifications

	Key Features of EdgeHandler

Real-time streaming of HDMI video

Perfect Mouse Synchronization, Keyboard and Mouse Controllability

Multiple streaming & resolution

Power Cycling and Audio, etc. (to be supported)

Possible to turn ON/OFF Power using relay port remotely

Two way audio communication (Optional)

Applications : Security system, Unmanned facility, Remote system etc.

Video	
Max. Streaming Rate	Up to 60fps @ Full-HD Triple Streaming
Supported Codec	H.264 / H.265 (Option), M-JPEG
Connections	Up to Four connections from EHD200

Interface	
Video Out	1 HDMI 1080p60p, 720p60p, 1280x1024, 1024x768
Audio In/Out	1 Port (MIC/SPK)
Alarm	1 DI / 1DO
Serial Port	1 Serial Port (reserved for future)
Peripherals	1 USB Port (B type)

Network	
Ethernet	2 x 10/100/1000-base-T (auto sensing)
Dynamic IP	DDNS support
Security	ID/Password protection DRM based proprietary secure key distribution protocol (to be released)
Miscellaneous	Web interface 4 connections from EHD

Hardware	
Approvals	KC, FCC, CE, RoHS
Working Condition	0℃ ~ +50℃, ~80% RH
Power Supply	SMPS, DC 12V @1A
Power Consumption	Max. 3.5W
Dimension	107(W) x 83(D) x 26(H) mm
Weight	About 165g without Power Supply