

EdgeHandler Adapter (EHA) 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

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### **Backdoor Issue free**

FlexWATCH uses backdoor issue free USA Ambarella platform.

### **Universal Video Management System**

Most of DVR, NVR and VMS can be managed at the single screen. There is no complex protocol integration. EdgeHandler™ enables the system much simpler and robust.

### **Super Low Network Bandwidth**

In order to control several Full HD video channels remotely, it requires lots of bandwidth. Only it requires the single Full HD video bandwidth to manage all video channels.

### **Universal Video Management System**

Most of DVR, NVR and VMS can be managed at the single screen. There is no complex protocol integration. EdgeHandler™ enables the system much simpler and robust.

### **Strong Security & Encryption**

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

### **Real-time monitoring and control on PC**

Real-time monitoring and control by connecting directly to Adaptor from PC when connected to Decoder from a User PC, supports monitoring and control features up to 64 Adaptors simultaneously.

### **Applications -CCTV Surveillance System**

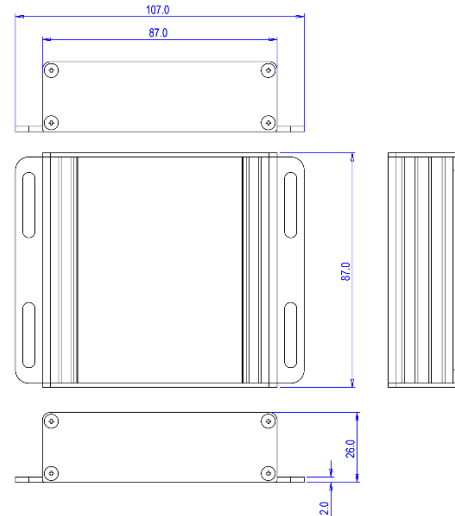
Our solution helps to simplify the hassle of using multiple interface with separate solutions. The EdgeHandler allows users to seamlessly control all devices, from security systems to alarms, into one single screen for ease of use. Our solution offers a smart tool to manage security systems and video surveillance solutions that allows users to view and control multiple interface in one single screen without complicated integrations.

### **IP Camera interface available with Decoder**

Real-time monitoring by registering IP Cameras Any DVR/NVR can be monitored and controlled by using Adaptor.

# EHA200

# Technical Specifications



## Key Features of EdgeHandler

Real-time streaming of HDMI video  
 The fastest proprietary streaming engine embedded  
 Perfect Mouse Synchronization  
 Multiple streaming & resolution

Keyboard and Mouse Controllability

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 maintenance  
 Unmanned facility maintenance  
 Remote system maintenance etc.

## Video

Max. Streaming Rate	Up to 60fps @ Full-HD / Triple Streaming
Supported Codec	H.264 / H.265 (Option) Video compression, 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 Alarm Output
Serial Port	1 Serial Port (reserved for future)
Peripherals	1 USB Port (B type)

## Network

Ethernet	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
<b>Hardware</b>	
Approvals	KC, FCC, CE, RoHS
Working Condition	0°C ~ +50°C, ~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