

EdgeHandler Decoder (EHD200) is a one of management units to control EdgeHandler Adapter (EHA200/EHA300)

It can be used to control remote video devices like HDMI output device, PC, DVR and NVR.

It can register up to 64 EHA200 or EHA300 adapters.

## Tech Notes

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### **Backdoor Issue free**

FlexWATCH uses backdoor issue free USA Ambarella platform.

### **Save Video LOG**

In case of using the Decoder with built-in storage (HDDs), Possible to record all contents of software operation and system operation of HDMI video output device under various conditions with high compression and good quality. Real-time recording with Full HD quality for up to 64 Adaptors.

### **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.

### **Applications - Equipment Monitoring**

Many industrial manufacturing companies need to manage and maintain their equipment. Our solution enables them to integrate an on-site monitoring system and control center into one screen for viewing and controlling keyboard and mouse via internet.

### **Applications -POS Surveillance System**

Our solution provides small-mid sized retail managers and shop owners with a complete picture of transaction activities by enabling monitoring of suspected events with IP surveillance cameras or DVRs.

### **Strong Security & Encryption**

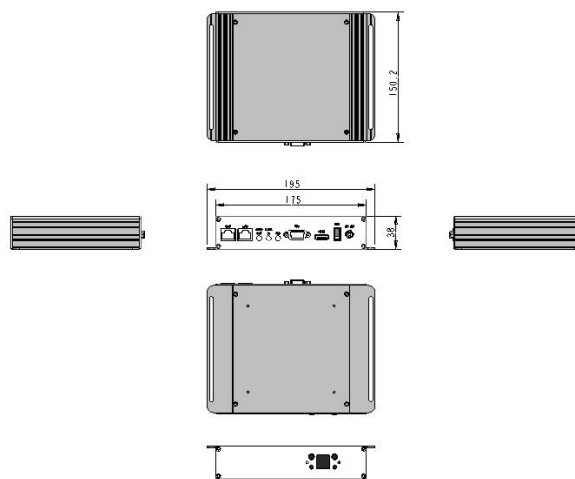
Strong Security & Encryption by using proprietary hardware key.  
Supports AES, DES, RSA algorithms through Hardware Accelerator.

### **No additional Software installation needed**

No dependency of operating system(Windows/Linux/MAC), target hardware and any outside service. Supports any PC/Embedded H/W Irrelevant to Virus infection of HDMI output device. No impact on the system performance of HDMI output device.

# EHD200

# Technical Specifications



## Key Features of EdgeHandler

Real-time decoding of streaming video  
 Up to 64 adapter(EHA200, EHA300) can be registered  
 Perfect Mouse Synchronization

Keyboard and Mouse Controllability

### Applications

Security system maintenance  
 Unmanned facility maintenance  
 Remote system maintenance etc.

## Video

Decoding Performance Max. 30fps x 8 Channels @ 1080P  
 30fps x 64ch @ D1

Supported Codec H.264 / H.265 (Option) Video  
 compression, M-JPEG

Display Mode Max 8 x 8 display mode  
 Group display mode

Re-streaming Support Video Re-streaming

## Interface

Video Out 1 HDMI, 1 VGA

Audio In/Out 1 Speaker, 1 Microphone  
 (LINE IN port : Reserved)

Peripherals 2 USB Port (B type) for Mouse,  
 Keyboard etc.

## Network

Ethernet 2 x 10/100/1000-base-T (auto  
 sensing)

Dynamic IP DDNS support  
 (www.ipcctvdns.com)

Security ID/Password protection  
 DRM based proprietary secure key  
 distribution protocol (to be  
 released)

Miscellaneous Web interface Max. 16 connections

## Hardware

Approvals KC, FCC, CE, RoHS

Working Condition 0°C ~ +50°C, ~80% RH

Power Supply SMPS, DC 12V @1A

Power Consumption Max. 4.5W

Dimension 195(W) x 150.2(D) x 38(H) mm

Weight About 725g without Power Supply