

EHD200

Network Decoder

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

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.

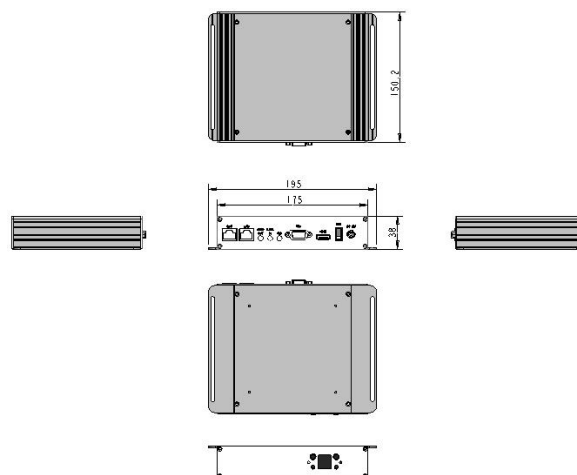
Supports AES, DES, RSA algorithms through Hardware Accelerator.

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.

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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