

All-in-ONE

Video Management Server



HV-MS01-AIO

“All-in-One”, HV-MS01-AIO is a video management server specially designed for security surveillance application. Its software is installed before delivery, combined the video stream replication and distribution.

Due to its low cost, simple deployment, flexible expansion, powerful performance, user-friendly interface design, good compatibility and high reliability, it can meet the requirements of various large and medium sized video surveillance systems. It can be widely used in the industries of retails, education, banking, chain stores, buildings, health care and so on.



Features

- High-performance X86 hardware platform, stable and reliable
- Preset software before delivery; All-in-One simple deployment
- Supports the device access of TVT and other famous manufacturers in the industry
- Supports ONVIF protocol
- Supports device auto-report
- Supports adding devices through IP address, IP address segment, URL, domain name and serial number
- Automatically search devices and quickly adding devices
- Supports standard, widescreen and customized screen display modes
- Supports instant playback and alarm preview
- Supports record search, playback and downloading from device and control center
- Supports record search and playback by time, channel, event and tag
- Supports time-slice playback
- Supports record clip and backup; Support backup by time and event
- Supports video search, playback and downloading from SD card of the IPC
- Supports multi-level images and online E-map
- Supports TV wall management, including splicing, PIP, roaming and triggering video on TV wall
- Supports auto-switch plan and camera group on TV wall
- Supports multi-level, multi-area and multi-user permission management
- Supports overload protection of the client
- SDK/OCX available for client's secondary development
- Supports DB31/T 889-2015 and Db33/T 629-2011 protocols
- Supports Android/iOS mobile APP

Specifications

Model	HV-MS01-AIO
CPU	Intel Core Processor I3
OS	Linux
Memory	8GB DDR4 ECC , up to 64GB
Network Card	Dual gigabit ports I350-T2 + Intel 210-AT dual gigabit Ethernet ports
HDD	1 built-in Kingston SSD/120G/SATA/6Gb/s/2.5inch; 2 built-in 3.5 inch 8T HDD slots
Network Interface	4x 10/100/1000 Mbps.
Video out	HDMI x1 , VGA: x1
USB	2x USB 2.0 (front), 4x USB 3.0 (rear)
DVI	1port
Audio IN / Out	2x audio input, 2x audio output (2-Way Audio)
Device Access	IPC, DVR, NVR, Decoder, etc.
Max. Number of Channel Access	2048CH (extensible to 10000CH via the transfer server)
Max. Number of Device Access	500 devices (extensible to 10000CH after it is authorized)
Max. Decoding Output Number	128CH
Max. Channel Number of Simultaneous Preview	100 (for one client/user)
Max. Channel Number of Simultaneous Playback	16 (for one client/user)
Max. Multi Screen Display	Up to 64 display
Max. User Access	Max. 256 users
Max. Online Users	64 users preview simultaneously
Real-time View	Up to 100CH real-time preview; support auto-switch
PTZ	Support PTZ protocol, PTZ permission, PTZ lock, PTZ preset management
Storage Type	IP SAN/streaming media storage
Record Type	Schedule, manual and alarm records
Record Search	Multi-channel synchronous search and playback
Incoming Bandwidth	640Mbps
Outgoing Bandwidth	640Mbps
Power	100~240V-6~3A/50~60Hz
Power Consumption	≤300 (with HDD)
Working Environment Working	0°C ~ 55°C ; Standby: -40°C ~ +70°C (ambient)
Relative Humidity	Standby: 95%, 25°C ~ 30°C (non-condensing)
Noise	Working: <50dBA; 6.2BA (<28°C)
Dimensions	430 x 487 x 44 (W x D x H)
Installation	Standard 19 inch rack mount