

PS1A-ENTERPRISE

All-in-One Management Server

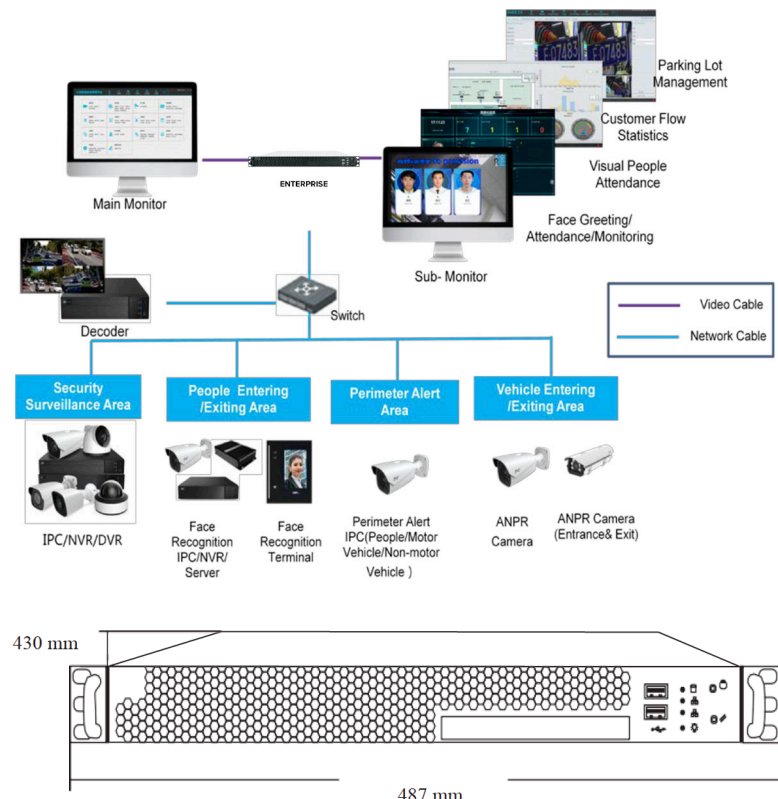


Features

- High-performance X86 hardware platform, stable and reliable
- Preset software before delivery; All-in-One simple deployment
- Support the device access of many manufacturers in the industry
- Support ONVIF protocol
- Support device auto-report
- Support adding devices through IP address, IP address segment, domain name and serial number
- Automatically search devices and quickly adding devices
- Support standard, widescreen and customized screen display modes
- Support instant playback and alarm preview
- Supports corridor mode
- Supports fisheye mode
- Support PTZ direction control and focus control; support setting and calling preset and cruise
- Support voice monitoring, two-way talk and broadcast
- Support record search, playback and downloading from device and control center
- Support record search and playback by time, channel, event and tag
- Support time-slice playback
- Support record clip and backup; Support backup by time and event
- Support video search, playback and downloading from SD card of the IPC
- Support multi-level images and online E-map
- Support TV wall management, including splicing, PIP, roaming and triggering video on TV wall
- Support auto-switch plan and camera group on TV wall
- Support various alarm types and alarm linkages
- Support multi-level, multi-area and multi-user permission management
- Support log management, including notices and alarms device's online and offline status
- Support overload protection of the client
- SDK/OCX available for client's secondary development
- Support GB/T 28181-2011, DB31/T 889-2015 and Db33/T 629-2011 protocols
- Support alarm host, access control system/ attendance system, dynamic environment surveillance system as well as one-button alarm system access
- Support Android/iOS mobile APP

Model	PS1A-ENTERPRISE
CPU	Intel Core Processor E-2200
OS	Linux
Memory	8GB DDR4 ECC
Network Card	Dual gigabit ports i350-T2 + Intel Z10-AT dual gigabit Ethernet ports
HDD	1 built-in 128G SSD
PCI Expansion	1*PCI-E3.0*8, 1*PCI-E3.0*8(X4), 1*PCI-E3.0*16(X8)
Interface	VGA × 1, HDMI × 1, USB3.1 × 6, network interface × 4; DP port × 1, audio input × 1; audio output × 1
Device Access	IPC, DVR, NVR, Decoder, etc.
Decoding Capability	8CH 8MP or 12CH 5MP or 16CH 4MP or 28CH 1080P or 36 CH 720P or 36 CH D1 (or lower)
Max. Number of Channel Access	2048 CH (extendable to 20000CH via the transfer server)
Max. Number of Device Access	500 devices (extendable to 20000CH after it is authorized)
Max. Number of Channel Access of Single Transfer Service	2048CH
Max. Number of Device Access of Single Transfer Service	300DVRs/NVRs or 500IPCs
Max. Decoders Supported	128 devices
Max. Number of Transfer Server Access	32
Max. Number of Storage Server Access	32
Max. Number of Channel Access of Third-party protocol	16 (extendable to 20000CH after it is authorized)
Max. Number of Device Access of Third-party protocol	4 (extendable to 20000CH after it is authorized)
Max. Channel Number of Simultaneous Preview	256 (for one client/user)
Max. Channel Number of Simultaneous Playback	16 (for one client/user)
Max. Number of Views	Up to 64 view plans can be created
Max. User Access	Max. 64 users (extendable to 1024 users access after it is authorized)
Max. Online Users	64 users preview simultaneously
Vehicle Database	A maximum of 10,000 license plates can be registered
User Permission	Self-define
Real-time View	Up to 36CH real-time local preview; support channel group/view plan 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: 50°F ~ 95°F (10°C ~ 35°C); Standby: -40°F ~ 158°F (-40°C ~ +70°C) (ambient)
Relative Humidity	Standby: 95%, 77°F ~ 86°F (25°C ~ 30°C) (non-condensing)
Noise	Working: <50dBA; 6.2BA (<28°C)
Dimensions (W x D x H)	16.9 x 19.2 x 1.7 in (430 x 487 x 44mm)
Gross Weight	Approx. 26.5 lbs (12KG)
Installation	Standard 19 inch rack mount



Ordering Information

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