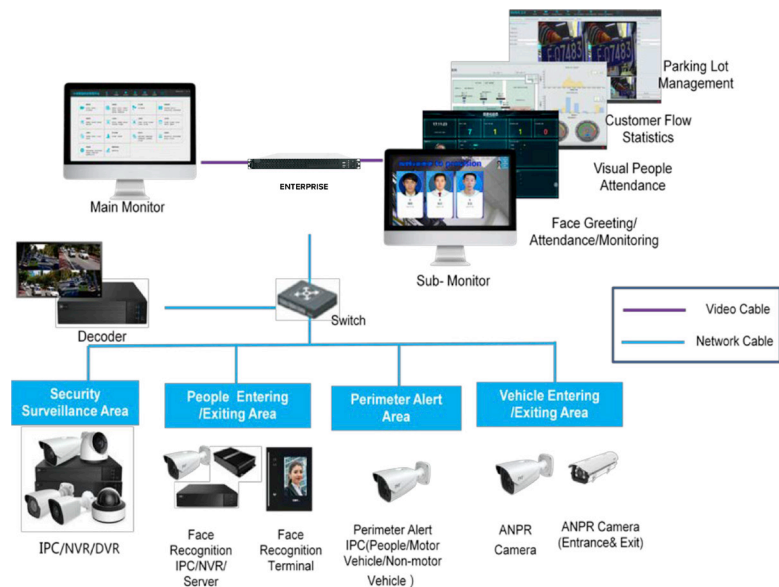# PS1A-ENTERPRISE

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

CPU	Intel Xeon Processor E3-1225V5 4C/4T 3.3GHz 8M HD Graphics P530/80W
OS	Linux
Memory	8GB DDR4 ECC, up to 64GB
Network Card	Dual gigabit portsI350-T2 + Intel210-AT dual gigabit Ethernet server cards
HDD	1 built-in Kingston SSD/120G/SATA/6Gb/s/2.5inch/SUV400S37
	3.5/2.5inch HDD slots × 3
PCI Expansion	1*PCI-E3.0*8, 1*PCI-E3.0*8 (X4), 1*PCI-E3.0*16(X8)
Management	BMC Module; Support IPMI2.0, 1 10/100 Mbps RJ45 management port, KVM, Support remote management
Interfaces	HDMI ×1,VGA ×1, USB × 6(front panel: USB2.0x2)real panel USB2.0x2; USB3.0x2), network interface ×4; COM × 1 (remote management port × 1; audio input ×2; audio output ×2
Max.number of camera access	30000 CH
Max. number of NVR access	1024 NVRs
Max. decoding capability	256 CH
Max. number of transfer server access	32 transfer servers
Max. number of storage server access	128 storage servers
Device Group	Support
Max. number of users	1024 users
Simultaneous Online users	256 users
User Permission	Self-define
Real-time view	Up to 100 CH real-time preview; support auto switch
PTZ	Support PTZ control, 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
Access bandwidth	600Mbps
Output bandwidth	600Mbps (live view + transfer)
Power	100~240V-6~3A /50~60Hz
Power consumption	≤300W (with HDD)
Working Environment	working 10°C to 35°C; standby −40°C~+70°C (ambient)
Relative Humidity	Standby: 95% (non-condensing) under 25°C~30°C
Noise	Working: <50dBA; 6.2BA (<28°C)
Gross weight	Approx. 12KG
Dimension(mm)	430 x 487 x 44 (Wx Dx H)
Installation	Standard 19 inch rack mount

Ordering Information

PS1A-ENTERPRISE: All-in-One Management Server