IP Power 6000 Series 128CH Intelligent NVR





NDAA Compliant • 768Mbps In/Outgoing Bandwidth • Face Detection 128CH (IPC) / 4CH (NVR) • Human/Vehicle Detection 128CH (IPC) / 8CH (NVR) • License Plate Detection (IPC) • Fisheye Dewarp • Up to 16MP IP • Up to 16MP Recording • 16 × SATA / 2 × eSATA • RAID Support • 4 HDMI / 1 VGA • 2 × Gigabit Ethernet

This seires of products supports 128CH 16MP/12MP /8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280 × 1024 / 960P /720P high definition IP video input, which adopts the advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system. This seires supports 128 CH IP input, simultaneous 16 CH playback, and 8K high definition display. So it can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

FEATURES

- Support 128CH 16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280x1024/960P/720P/960H/D1/CIF IP input
- H.265S/H.265+/H.265/H.264 coding
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-mode recording: manual / timed / motion / sensor/ POS / AI recording
- Playback: 16 CH simultaneous playback
- Search: time slice, time, event, tag, smart and target database search
- Support face detection and comparison
- Support multiple VCA (Video Content Analytics) events, such as region intrusion, tripwire , etc.
- Support OS information overlay on live view and playback
- Support RAID 0, 1, 5, 6, 10
- Express and flexible backup via USB, network and so on
- Preview, record, playback, backup and remote access are supported
- DHCP, DDNS, PPPoE network protocol, etc.
- Compatible with third-party IPCs, such as ONVIF, Hikvision, etc.
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Multi-user online simultaneously
- Authorization management, log view and device status view
- 8K output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QR Code scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

SPECIFICATIONS

System	
OS	Embedded Linux
Video	
IP Video Input	128CH
Network Bandwidth	Incoming: 768Mbps Outgoing: 768Mbps
Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280 × 1024/960P/720P/960H/D1/CIF

Output	HDMI1: 7680 × 4320@60, 7680 × 4320@30, 3840 × 2160@60, 3840 × 2160@30, 1920 × 1080, 1280 × 1024, 1024 × 768 (When the resolution of HDMI1output is 8K, HDMI2 is unavailable) HDMI2: 3840 × 2160@60, 3840 × 2160@30, 1920 × 1080, 1280 × 1024, 1024 × 768 HDMI3: 3840 × 2160@60, 3840 × 2160@30, 1920 × 1080, 1280 × 1024, 1024 × 768 HDMI4: 1920 × 1080, 1280 × 1024, 1024 × 768 VGA×1: 1920 × 1080, 1280 × 1024, 1024 × 768 (VGA and HDMI1 output the same video source)
Multi-screen Display	Main output:1/4/6/8/9/13/16/25/32/36/64 AUX output 1:1/4/6/8/9/13/16/25/32/36 AUX output2:1/4/6/8/9/13/16 AUX output 3:1/4/6/8/9/13/16 Max. 132(64+36+16+16)
Compression	H.264/H.265/H.265+/H.265S
Audio	
Network input	128CH
Local Input	RCA×1 (for two-way talk)
Local Output	RCA×1
HDMI Audio Output	Support
Compression	G.711(U/A)
Record	
Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/1280 × 1024/960P/720P/960H/D1/CIF
Frame Rate	N:30fps; P:25fps
Playback	
Simultaneous Playback	16CH
Search	Time slice/time/event/tag/smart search
Function	Play, pause, FF, Rewind, digital zoom, previous frame, next frame, etc.
Decoding Capability	
Live View	1CH 16MP@30 / 4 CH 12MP(only available for main output)
Playback	1CH 16MP@30 / 4CH 8MP(only available for main output)
Alarm	
Mode	Manual, sensor, motion, exception, smart events, etc.
Input	24CH

Output	8CH
Triggering	Record, snapshot, preset, e-mail, etc.
Face	
Face Detection Performance (AI by IPC)	128CH
Face Detection Performance (AI by Device)	4CH
Face Match Performance	16CH
Comparison Capability	36 pictures/second
Face Picture Database	32 libraries 10000 face pictures
Face Picture Search	Search by picture is supported
Database Management	Add, modify, delete and search face pictures
Face Picture Adding	Add face pictures through APP, WEB and external import
Face Picture Comparison	Supports successful face recognition alarm and stranger match alarm
Track	Track display on a map
Statistical Graph of Information	Bar graph
Statistical Mode of Information	Statistics by day, week, month, quarter as well as customized time period
Video Structure Analysis	
Human/Vehicle Classification (AI by IPC)	128CH
Human/Vehicle Classification (AI by Device)	8CH
Human/Vehicle Attribute Analysis	Yes
Other Functions	
Fisheye	Supports fisheye dewarping via NVR/Web Client/mobile APP
Plate Recognition (AI by IPC)	Yes
Network	

Protocol	TCP/IP, HTTP, HTTPS, 802.1x, FTP, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
Interface	RJ45 10/100/1000Mbps × 2
Client Connection	Max. 128 users access
Mobile Device	
OS	iOS, Andriod
Storage	
HDD Interface	SATA×16 max 10TB per HDD
RAID Type	RAID0,1,5,6,10
E-SATA Interface	2
Port	
USB	USB3.0 × 1 USB2.0 × 3(Front:2)
RS485	Yes (full-duplex), connect to PTZ or keyboard
RS232	Yes
Reset	Yes
Remote Controller	No
Others	
Power	ATX-275W
Consumption	≤50W (without HDD)
Dimensions	CE,FCC
Certificate	
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , Directive 94/62/EC and REACH(EC1907/2006)
Working Environment	−10 ~ 50°C; Humidity: 10% ~ 90%