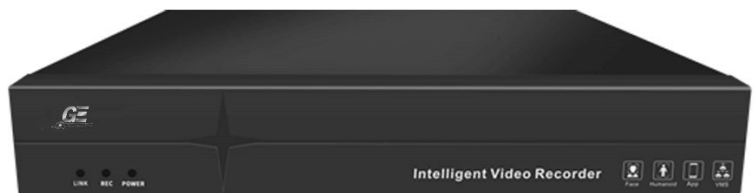




GE-IB-1-16-A-APY

1HDD,16CH POE, Intelligent Network Video Recorder

Economic Series



DIMENSIONS (Unit: mm)



Physical Interfaces





KEY FEATURES

- Support access to 16 channel POE camera (8MP/D1+16channel preview+4channel playback), each interface support maximum power 15W
- Support the max transmission distance of 100M in normal mode & 200M in signal enhancement mode.
- Support camera and POE interface binding channel
- Support Smart265, H265, H264 dual stream decoding.
- Support synchronous video recording, remote monitoring, backup video MP4 format, mobile phone can also be viewed
- Support VGA/HDMI same-source output
- Support preview image and playback image electronic enlargement
- Support standard ONVIF, RTSP, GB28181 protocols. And RTMP push stream
- Alarm capture, alarm email sending function
- Support DDNS, UPNP, etc.
- Support WEB, mobile phone monitoring, IMS client monitoring
- Support our SMART IPC behavior analysis: human detection, line crossing, vehicle retrograde, human absent, loitering, area intrusion, vehicle illegal parking.
- Support channel patrol grouping
- Support network detection (network traffic monitoring, network packet capture, network smooth) function
- Support maximum 4-channel 1080P video synchronous playback
- Fast start-up, enjoy the experience .New UI interface, smooth operation
- Support 16-channel 4K decoding and 4K display output
- Support manually and automatically add IPC in LAN
- Support online upgrade and U-disk upgrade IPC
- Support private protocol IPC maintenance, including IPC restore default, reboot, turn on/off all-network pass and so on.
- Newly optimized for high quality compatibility with hard drives.
- Support the function of recording after disconnecting from the network
- Support selecting video stream mode
- Optimize the access bandwidth, the limit is up to 80M



SPECIFICATIONS

Intelligent Analytics								
system architecture	Embedded LINUX design, pure hard decoding, watchdog, hard disk storage, HDMI high-definition display, IP network video access							
video mode	split-screen	1	4	6	8	9	16	
	decode	4K	4*1080P	4MP+5*D1	4MP+7*D1	9*D1	16*D1	
Input bandwidth	80 Mbps.							
Video and Audio								
video output	1channel HDMI output, homology with HDMI; resolution :3840×2160,1920×1080,1440×900,1280×1024,1280×800,1024×768 Support IMS client preview; Support APP second link preview Support multi-screen split; 1/2/4/6/8/910/16 screen real-time preview							
Video resolution	Support 720P/960P/1080P/3MP/4MP/5MP/4K							
Video decoding parameters	NVR synchronous playback of 4-channel (1 * 4K) ; IMS client remote video playback support up to 4channel							
Audio	Standard G.711; support HDMI audio output, support 2 PIN extended audio input interface and 3PIN extended audio output interface, support IMS client audio and video preview and playback.							
Storage Management	1*SATA port ,Support Each port Max 16TB HDD Support timed video, alarm video, timed and alarm video; alarm video including (motion detection, human detection, line crossing, vehicle retrograde, human absent, loitering, area intrusion, vehicle illegal parking). Support for external USB storage devices (e.g. ordinary USB flash drives, removable hard discs) for backup.							
User Management	Local support for up to 32 users							
Network Interface	1 X RJ45 Ethernet interface, Support 10/100MAdaptive; Support							
Network protocols	TCP/IP,IPv4,DHCP,NTP,RTSP,ONVIF,P2P,SMTP, GB28181							
POE Interface	16 Port , 10/100Mbps Adaptive network port.							
POE Power	Single port Max 15.4W(IEEE802.3af), Single port Max 30W(IEEE802.3at)							
Peripheral interface	2*USB2.0interface(rear); Support mouse, USB upgrade, import and export							
Front Panel	Support power, video, network transmission 3 *status indicators							
Business function	Support preview/video/forwarding/remote service, support alarm linkage, support IMS client remote monitoring software; support P2P cloud service.							
Buzzer	Support buzzer alarm							
Compression								
Video Compression	S+265; H.265; S+264; H.264							
Audio Compression	G711A; G711U; ADPCM_DIV4							
Stream Type	Video; Video & Audio							



Face Recognition	
Face Picture Library	Up to 32 face libraries Up to 10000 base images
Face Picture Comparison	Face Picture Comparison
Performance	1-ch video streams; 10-ch image streams
Comparison Speed (Captured from Camera)	10 pictures per second
Comparison Speed (Captured from NVR)	1 pictures per second
External Port	
USB	2×USB2.0
HDMI	1×HDMI
VGA	1×VGA
Network Interface	1×RJ-45, 10/100 Mbps self-adaptive Ethernet , port 16 xRJ-45 , 10/100Mbps Adaptive network port
SATA	1×SATA interface
Alarm I/O	No
Network	
System Compatibility	ONVIF(profile T/S); RTSP; CGI; SDK
Client	Golden Eye VMS
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
General	
Web Client Language	Simple Chinese; Traditional Chinese; English; Spanish; Korean; Italian; Turkish; Russian; Thai; French; Polish; Dutch; Hebrew; Arabic; Vietnamese; Farsi
Operating Temperature	-10°C~+55°C
Operating Humidity	10%~90%RH
Storage Temperature	-10°C~+55°C
Storage Humidity	10%~90%RH
Power Consumption	<10W (HDD not included, idling)
Power Supply	DC 52V 2.3A power supply, ≤100W consumption
Boundary Dimensions	Size 210*255*42mm(W×D×H) Support wall mounting
Net Weight	1.6 kg

Design and specifications are subject to change for product improvements without prior notice