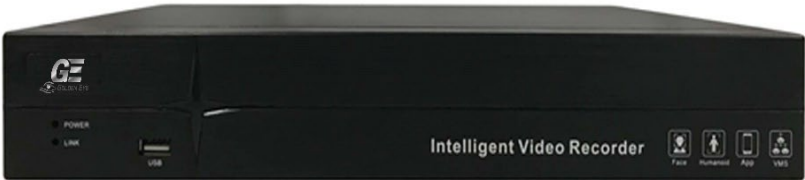




GE-IH-2-16-B-AKPU

2HDD, 4K 16CH POE, Intelligent Network Video Recorder

Economic series



DIMENSIONS (Unit: mm)



Physical Interfaces





KEY FEATURES

- Support 16CH IPC input (8MP/D1+16CH Preview+9CH Playback)
- Support Smart265, H265, H264 decoding format
- Support synchronized recording, remote view, backup recording in MP4 format, mobile view
- Support VGA/HDMI output
- Support preview image and playback image electronic amplification
- Support standard ONVIF, RTSP, GB28181 protocol
- Support RTMP
- Support alarm capture, alarm email sending function
- Support DDNS、UPNP...etc
- Support WEB, mobile view, IMS surveillance
- Support IPC smart analysis: Line-crossing detection, Vehicle retrograde, Staff absence, Loitering, Area intrusion, Vehicle illegal parking
- Support channel cruise grouping
- Support network inspection: network traffic monitoring, network diagnosis...etc
- Support maximum 9CH synchronous playback
- Support fast booting
- New UI interface, smooth operation
- Support 16CH 4K decoding and 4K display output
- Support to add IPC manually or automatically in LAN
- Support to upgrade IPC online and by U disk
- Support to maintain IPC under private protocol, including restore, restart, enable or disable all netcom function
- New optimization, high quality compatibility with hard disk on the market
- Support ANR(Automatic Network Replenishment) function
- Support select the video stream mode
- Optimize incoming bandwidth up to 150M



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	150 Mbps.							
Video and Audio								
video output	1 HDMI output, 1 VGA output; 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; 1/2/4/6/8/9/10/16 screen real-time preview							
Video resolution	Support 720P/960P/1080P/3MP/4MP/5MP/4K							
Video decoding parameters	NVR synchronous playback 9CH (1*4K); IMS client support maximum 4CH remote video playback							
Audio	Standard G.711; Support HDMI audio output, audio output (3.5mm jack), audio input (3.5mm jack), and IMS client audio and video preview and playback							
Storage Management	2 SATA, each SATA maximum support 16TB hard disk (2pcs*16TB) Support timing recording, alarm recording, timing and alarm recording; Alarm recording includes (Motion detection, Human detection, Line-crossing detection, Vehicle retrograde, Staff absence, Loitering, Area intrusion, Vehicle illegal parking) Support external USB storage device (such as ordinary U disk, mobile hard disk) backup							
User Management	Local support for up to 32 users							
Network Interface	2 X RJ45 Ethernet interface, Support 10/100/1000M Adaptive; 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 maximum 15.4W(IEEE802.3af), single port maximum 30W(IEEE802.3at)							
Peripheral interface	3 USB2.0 (rear 2, front 1); Support mouse, USB upgrade, import and export							
Front Panel	Support power, network transmission 2 status indicator							
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	3×USB2.0
HDMI	1×HDMI
VGA	1×VGA
Network Interface	2×RJ-45, 10/100/1000 Mbps self-adaptive Ethernet , port 16 xRJ-45 , 10/100Mbps Adaptive network port
SATA	2×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	DC52V 4.62A power supply, ≤200W consumption
Boundary Dimensions	243*326*52mm(W×L×H)
Net Weight	2.4 kg

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