

NVR with Built-in PoE

4CH / 8CH / 16CH

GS-FN5000 series



Features

- Plug & play with **built-in PoE switch**
- **IEEE802.3 AF/AT** : Auto-power distribution to each PoE port (max. 30W/port)
- **ONVIF Compliant & Auto IP Camera Detection / Registration**
- **Intelligent Dual (Main & Sub) Stream Recording/Display**
- **System Performance Monitoring** (Bandwidth & Network status, etc.)
- **ezP2P™** cloud surveillance service
- External storage connection via iSCSI connection
- Smart Search – Thumbnail search & Multiple time search
- **Link-local (zero-configuration network)** support
- **H.264 I-Reference** support

NVR with built-in PoE

SecuSight NVR supports 4K Ultra-HD (8 megapixels) resolution for your top-quality surveillance experience.

By connecting 4K-compliant network cameras to your NVR, you can monitor and record the video footage in the best resolution available.

SecuSight NVR has also drastically decreased the live stream latency on data transfer between IP cameras, NVR and smartphone, giving you a seamless and immediate visual information on the site.

Access from anywhere

Monitoring and managing a recorder from a remote location require complicated network configuration and may be restricted to a specific device. SecuSight NVR can be accessed from an external network by PC and smart device applications without additional port forwarding configuration. If you prefer to backup videos to your external storage, SecuSight NVR supports iSCSI connection to immediately backup your recordings to safe, private storage space.

ezP2P cloud service

SecuSight NVR can be accessed from an external network without additional port forwarding configuration.

ezP2P is a cloud-based video management system, which provides overall monitoring and management on all registered recorders and cameras you own.

Instant and easy installation

As SecuSight NVR is equipped with a built-in PoE switch, PoE support network cameras can be powered via single ethernet cable, with automatic power balancing and allocation features for cameras that require extra power.

SecuSight NVR can automatically detect and register ONVIF compliant network cameras, which can be done within a few seconds. In addition, a simple Startup Wizard will guide you through the whole process of the initial configuration of the SecuSight NVR.

Intelligent device management

Device failure during an event might be the worst-case scenario for every surveillance practices. SecuSight NVR offers an intuitive dashboard that displays the system status such as network, power, camera connection, and S.M.A.R.T. parameters for a storage health check. As high-resolution live streaming is often workload intense, SecuSight NVR automatically adjusts the resolution of all live stream channels to reduce CPU load.

Smart search and playback

SecuSight NVR provides Smart Search option to minimize the search time and effectively point out undetected events. Thumbnail search shows video images of a one-minute interval in a split-screen to instantly spot the difference between each image. Multi-time search option can display split-screen videos in a designated time interval for each screen from a minute to 24 hours.

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Model	GS-FN5004 (4CH)	GS-FN5008 (8CH)	GS-FN5016 (16CH)
Max. HDD Bay	1 x SATA HDD	2 x SATA HDD	2 x SATA HDD
Operating System	Embedded Linux		
IP Camera	Channel	4CH	8CH + 1CH (option)
	3 rd Party Camera	ONVIF	
	No. of PoE	4CH	8CH
	PoE Type	100Mbps, 802.3at	100Mbps, 802.3at
Display	Speed	120fps	400fps
	Screen Mode	1, 4	1, 4, 9 & 16
Video-In	IP Camera (Up to 4K UHD)		
Video-Out	Monitor	Composite & VGA & HDMI	
	Resolution	800x600, 1024x768, 1280x1024, 1920x1080	800x600, 1024x768, 1280x1024, 1920x1080, 3840x2160
Recording Speed	CIF ~ 1080P	120fps	480fps
	1920P	120fps	480fps
	2160P	120fps	480fps
Recording Resolution	Main Stream(up to 4K) & Sub Stream		
Network Bandwidth (max.)	40Mbps	80Mbps	80Mbps
Recording Mode	Continuous, Scheduled, Sensor-Activated & Motion Detection Recording		
	Pre-/Post-Alarm Recording, Emergency Recording, Quick Backup		
Playback & Search	Speed	x1, x2, x4, x8, x16, x32, x64, x99	
	CH & Resolution	1 & 4 : Main Stream, 9 & 16 : Sub Stream	
	Function	Intelli-Search by Time Bar, Calendar (Date & Time) and Event Search	
Audio Input / Output	1CH / 1CH		
Alarm Input / Relay Output	4CH / 1CH		
PTZ Control	ONVIF	ONVIF	ONVIF
LAN	Gigabit Ethernet (RJ45) - Fixed IP, DHCP & DDNS		
Network Function	1) Dual-Stream (Local Recording & Network Transmission)		
	2) Dual-Recording (Live Display / Playback)		
	3) Live Monitoring, Remote Playback and File Backup (Triplex-on-Remote)		
	4) Time Synchronization by NTP Server ("pool.ntp.org")		
	5) Remote & E-Mail Notification, Remote System Reboot by IE, Remote PTZ Control		
	6) P2P Cloud Service (auto-port forwarding)		
Remote Management	Software	UVMS & mobile app	
	Web (IE)	Live Monitoring, Playback & System Configuration	
Backup Device	Local backup by USB ODD, network backup by VMS, file upload to FTP server		
System Recovery after Power Failure	Auto-reboot and journaling file system		
Advanced Functions	1) Firmware Upgrade by USB & UVMS over Network		
	2) Import & Export of Setting Value, Water-Mark, AVI File Backup		
	3) Quick Setup to Designate Recording Period		
	4) HDD S.M.A.R.T. (model, capacity, bad sector, temperature, period of use) support		
	5) Warning Alarm for System Over-Temperature		
	6) Help Message for Easy Setup & Multi-Language support		
	7) Digital Zoom for Both Live & VOD Mode		
	8) Smart Search		
POS	Text-in Based (USB to Serial support, TCP/IP Network)		
System Operation	IR Remote Controller, USB Mouse, Keyboard (Option)		
Power	48V 1.36A D/C	110~240V A/C (180W)	
Operating Temperature and Humidity	5~40 °C / 20~90% RH		
Dimension (W x D x H)	315 × 240 × 48 mm (1U)	385 × 315 × 52 mm (1U)	