

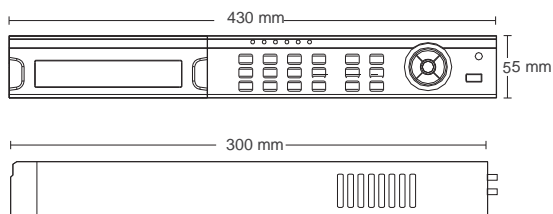
Introduction

NGD-8232 series are standard 32 CH real time 3MP / 1080P / 960P / 720P / D1 high resolution NVRs, which adopt the most advanced SOC technique to ensure high definition recording in each channel and realize outstanding robustness of the system. NGD-8232 support 32 CH IP input, simultaneous 4 CH playback, and HDMI 1080P high resolution display, with standard 1U chassis. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

Characteristics

- Support 32 CH 3MP@30fps or 1080P@30fps or 960P@30fps or 720P@30fps IP input
- Adopt standard H.264 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphic User Interface(GUI), Windows style, operation by mouse
- Multi-mode recording: manual / timer / motion / sensor
- Playback : 4 CH simultaneous playback
- Search : calendar / time, events (alarm, motion)
- Express and flexible backup via USB, network or DVD-RW (SATA)
- Pentaplex : preview, record, playback, backup and remote access DHCP,
- DDNS, PPPoE Network protocol, IE browse and CMS supported Remote control via IE or CMS : preview, playback, backup, PTZ and configuration
- Dual streaming technology to encode recording stream and network stream separately . User can adjust network stream to fit bandwidth without changing recording quality
- Multi-user online simultaneously
- Authorization management, log review and device status review
- HDMI 1080P output, true high resolution display
- Support PTZ preset and auto cruise, up to 128 presets and 8 cruises
- Powerful smart phone surveillance supporting iPhone, Android
- Complete SDK software available, easy to integrate with other applications

Dimensions



Specification

Model		NGD-8232
System	Compression	Standard H.264 / MPEG4
	CPU	Cortex A9
	OS	Embedded Linux
Video	Output	VGA x 1 : 1920 x 1080 HDMI x 1 : 1920 x 1080
	Resolution	3MP / 1080P / 960P / 720P
IP Input	Frame Rate	32 CH 3MP / 1080P / 960P / 720P @30 fps
	Input	32 CH IPC input
Audio	Output	RCA x 1
	2-way audio	RCA x 1
	Resolution	3MP : 2048 x 1536, 1080P : 1920 x 1080 960P : 1280 x 960, 720P : 1280 x 720 D1 : 704 x 576
Record	Frame Rate	800 fps (PAL) 960 fps (NTSC)
	Bit Rate	256 Kbps ~ 12 Mbps
	Encode	CBR
	Quality	6 Level
	Mode	Manual, Timer, Motion, Sensor
	File Manager	Lock, unlock, reserving time
	Playback	4 CH
Play back	Search	Time / calendar search, event (motion,external alarm)
	Smart Search	Highlighted date and time to display the channel record
	Function	Play, Pause, FF, FB, Digital zoom
	Mode	Sensor, Motion, Video Loss
Alarm	Input	4 CH local input, support IPC alarm input
	Output	1 CH
	Triggering	Record, PTZ move, alarm out, e-mail, etc
	Interface	RJ45 10M/100M/1000M adaptive Ethernet network port x 1
Network	Protocol	TCP / IP, UDP, DHCP, DNS, PPPOE, DDNS
	Others	20 users online, dual stream
	OS	iPhone, Android
Cell Phone	Function	Multi-screen surveillance (for certain model), record, snapshot, PTZ control, save the device list
	HDD	SATA x 2, 3T per HDD
Port	RS485	RS485 x 1, connect to PTZ or keyboard
	USB	USB 3.0 x 1, USB 2.0 x 1, one for mouse, another for USB backup device
	Remote Controller	Yes
	Power Supply	DC 12V
Others	Consumption	< 10W (without HDD)
	Dimensions	430 mm * 300 mm * 55 mm (W * D * H)
	Work Environment	-10 ~ 55 °C, 10% ~ 90% Humidity