



NGD-8216PoE

4MP / 3MP / 1080P / 960P / 720P HD PoE NVR



HDMI



HD-IPC



DDNS



Network



PTZ



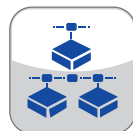
Audio



MIC



Mobile



CMS



DVD



USB



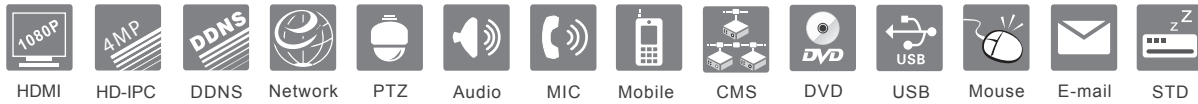
Mouse



E-mail



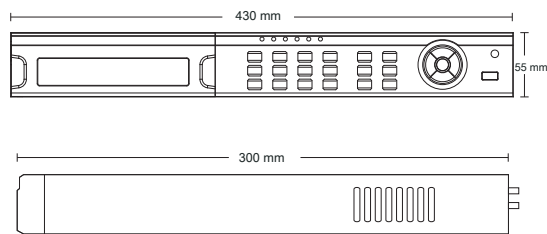
STD



Characteristics

- Support 16 CH 4MP / 3MP / 1080P / 960P / 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 : support 4 CH playback
- Search : calendar / time, events (alarm, motion)
- Express and flexible backup via USB, network and so on
- 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
- 8 PoE network ports; support IPC direct connection to NVR; support PoE power supply
- Dual stream technology to encode recording stream and network stream separately; network stream can be adjustable 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
- Giga ethernet interface to get the fastest transmission
- Complete SDK software available, easy to integrate with other applications

Dimensions



Specification

Model		NGD-8216PoE
System	Compression	Standard H.264
	CPU	Cortex A9
	OS	Embedded Linux
Video	Output	HDMI x 1 : 1920 x 1080 VGA x 1
IP Input	Resolution	4MP / 3MP / 1080P / 960P / 720P
	Frame Rate	16 CH 4MP / 3MP / 1080P / 960P / 720P @30 fps
Audio	Input	16 CH IPC input
	Output	RCA x 1
	2-way audio	RCA x 1
Record	Resolution	4MP : 2560 x 1440, 3MP : 2048 x 1536, 1080P : 1920 x 1080, 960P : 1280 x 960, 720P : 1280 x 720
	Frame Rate	400 fps (PAL) 480 fps (NTSC)
	Bit Rate	256 Kbps ~ 12 Mbps
	Encode	CBR
	Quality	6 Level
	Mode	Manual, Timer, Motion, Sensor
	File Manager	Lock, unlock
Play back	Playback	4 CH
	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
Alarm	Mode	Sensor, Motion, Video Loss
	Input	4 CH local input, 16 CH IPC alarm input
	Output	1 CH
Network	Triggering	Record, PTZ move, alarm out, e-mail, etc
	Interface	RJ45 10M/100M/1000M x 1
	PoE	RJ45 x 8
Cell Phone	Protocol	TCP / IP, UDP, DHCP, DNS, PPPOE, DDNS
	Others	20 users online, dual stream
	OS	iPhone, Android
Port	Function	Multi-screen surveillance (for certain model), record, snapshot, PTZ control, save the device list
	HDD	SATA x 2, max 6TB per HDD
	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
Others	Remote Controller	Yes
	Power Supply	ATX
	Consumption	< 12W (without HDD)
	Dimensions (mm)	430 x 300 x 55 (W x D x H)
Work Environment	-10 ~ 55 °C , 10% ~ 90% humidity	