

# GNS-18412, GNS-116412

8/16CH Built-in PoE Network Video Recorder



## Key Features

- Real-Time Full HD Recording and Up to 5MP Recording
- Built-in PoE Switch(IEEE 802.3af/at Support)
- Compatible with Onvif Supporting Cameras
- Full HD Display(VGA, HDMI)
- Built-in Discovery
- Internal 4 HDD
- Built-in DVD RW, Front Button and Jog&Shuttle(HNR-8410/HNR-16410)
- 1EAXe-SATA, 2EAXUSB2.0, iSCSI support
- Alarm Input(8/16), Alarm Output(8/16)
- 48VDC

## Technical Specifications

Model		GNS-18412	GNS-116412	
IP Camera Input	Input	8xRJ45	16xRJ45	
	Embedded PoE Switch	IEEE 802.3af/at		
Monitor Output	Resolution	VGA/D1/960H/960p/1080p/3M/5M		
	Protocol	Onvif v2.3 Base		
	HD Video Output	VGA, HDMI		
	Main Video Resolution	Up to 1920x1080p		
Pentaplex Mode	Screen Split Mode	1/4/6/8/9	1/4/6/8/9/13/16	
	PIP and Zoom	PIP/Zoom(x2, x4, x6, x8)		
	Audio Output	1xRCA		
Mobile Phone Support		Simultaneous Live, Recording, Playback, Backup, Network Tive HD		
Recording	Frame Rate	Adjustable Frame Rate for Each Camera		
	Recording Mode	Manual, Schedule, Event(Motion, Sensor)		
	Recording FPS	Max. 200/240fps	Max. 400/480fps	
	Protect Video/Audio File	Protect Video/Audio from HDD Overwrite		
	Still Image Capture	Live or Playback Image Local Capture and Backup for legal evidence		
	Internal Hard Drive	SATA, Up to 4xHDDs(Max. 6TB Capacity)		
Remote Monitoring/Control	External Hard Drive	e-SATA		
		Remote View and Control via Gigabit Ethernet		
		Dynamic/Static/Zero Config Support		
		Web Browsing, NC-Titanium, Tive		
		NAT Traversal Support		
Playback	Playback Screen Mode	1/4/9/13	1/4/9/13/16	
	Search Mode	Date/Time, Calendar, Event, Motion, Protect, Capture, VCA, Text		
Alarm Control	External Sensor Input	8CH NC/NO	16CH NC/NO	
	Alarm Output	Buzzer, OSD, 4xRelay		
Data Backup		2xUSB 2.0 Flash Memory		
		AVI Format for Easy Viewing, Private Format for Image Authentication		
Others	Video Content Analysis	Yes(with Specific Cameras)		
	POS/ATM	Yes(with VSI/VSSI-Pro)		
	NTP Server/Client	Yes		
	System Keyboard	USB and Serial Support		
	Printer	USB or Network Printer		
	Control	IR Remote Control, USB Mouse, Client Software		
	Event Log & Pre-Alarm Record	System/Event Log Management, Pre-Recording for Motion/Sensor		
	Auto Deletion	Setup Recording Duration Per Channel		
	Language	48 Languages Support		
	Power Supply	48VDC, 3.1A		
	Power Consumption	Max. 140W		
	Operating Temperature	0~+45°C(+32~+113°F)		
	Operating Humidity	0~ 90%RH		
	Weight(Main Unit)	5.5kg without HDD		
	Weight(Packing)	7kg without HDD		
Dimension(Main Unit)	435x347x88mm(17x13.6x3.4 inch)			
Dimension(Packing)	550x475x220mm(21.6x18.7x8.6 inch)			

Specifications are subject to change without notice.

## Key Functions

- Quick Setup by Automatic Camera Detection and Setup Wizard&Zeroconfig
- Multiple Profile Recording(Schedule, Pre-Event, Text-In and Event)
- Alarm Handling with History Log and Pre-Alarm Recording
- Simultaneous 3 User Access(20 Users Registration)
- Text Input for POS.
- Network Time Synchronization
- S.M.A.R.T. Hard Disc Check
- Cross Web Browsing(IE, Safari, Firefox, Chrome)
- Dashboard

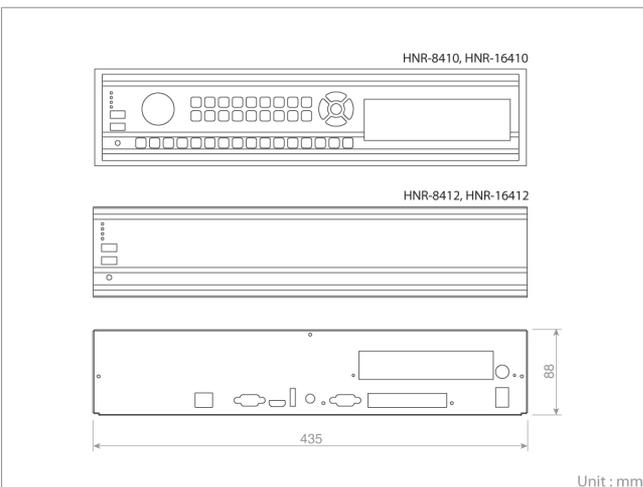
## Software

- SmartManager
- NC-Titanium
- Tive HD
- Titanium Plus VMS

## Optional Accessory

- HAS-02R / HAS-04R(e-SATA Storage)
- HAS-08I(iSCSI Storage)

## Dimension



Manufacturer by  
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