8000 Series

Plug & Play Embedded HD NVR

HD 1080p · Real-time · Plug & Play · ONVIF

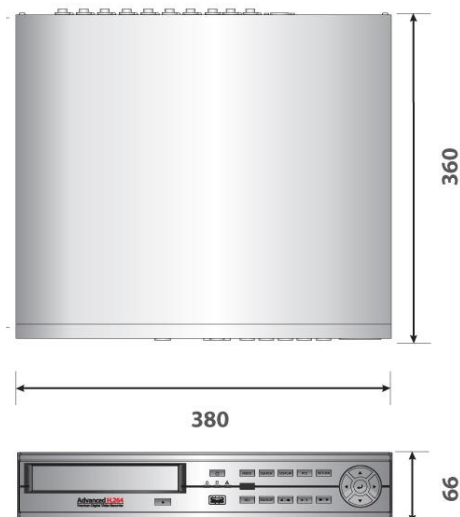## Front & Rear Panel

Features

- **4ch / 8ch / 16ch Plug & Play Embedded HD NVR.**
- **Up to 8ch HD IP Cameras Real-time Recording & Monitoring**
- **Auto IP Camera Detection**
- **Local Monitoring (HDMI / VGA / Composite)**
- **Gigabit LAN / uPnP / e-SATA**
- **Smart Phone : Monitoring / VOD / Push Pop-up Notification**
- **Onvif (Ver.1&2) Compatibility**

Specifications

Model		8004 (4 Ch)	8008 (8 Ch)	8016 (16 Ch)
Internal Storage		4 x SATA HDD or 2 x SATA HDD & 1 x DVD		
Operation System		Embedded Linux		
IP Camera	Channel	4 Ch	8 Ch	16 Ch
	Protocol	ONViF		
	PoE	N/A		
Display	Speed	120 fps	240 fps	240 fps
	Screen	1, 4	1, 4, 9	1, 4, 9, 16
Video Input	Mode	IP Camera Input (Up to 2.1Mega Pixel, 1080P)		
	SPOT-OUT	N/A		
Video Output	Monitor	HDMI(1), VGA(1), Composite(1)		
	Resolution	Full HD(1920x1080), SXGA(1280x1024), 1024x768, 800x600		
Recording Speed	CIF	120fps (30fps/CH)	240fps (30fps/CH)	240fps (15fps/CH)
	D1	120fps (30fps/CH)	240fps (30fps/CH)	240fps (15fps/CH)
	720p	120fps (30fps/CH)	240fps (30fps/CH)	240fps (15fps/CH)
	1080p	120fps (30fps/CH)	240fps (30fps/CH)	240fps (15fps/CH)
	Bit-Rate			
	Mode	Manual, Continuous, Alarm, Motion, Scheduled		
Audio (Input / Output)		4(From IP CAM) / 1	8(From IP CAM) / 1	16(From IP CAM) / 1
Digital I/O		4 / 1		
PTZ		RS-485, ONViF Compatibility (Pan/Tilt/Zoom/Preset)		
Network	Protocol	IPV4, ARP, TCP, UDP, ICMP, DHCP, DNS, DDNS, SMTP, HTTP, UPnP, RTP, RTCP, RTSP, ONVIF		
	Transmission	Unicast Transmission		
LAN		1 x Gigabit Ethernet (RJ45) - Static IP, DHCP, DDNS		
Remote Management	Software	CMS, RMS, MMS(Mobile Viewer)		
	Web- Browser	Internet Explorer		
	OS	MS-Windows		
	Operating	Real-time monitoring, Playback & System configuration		
Backup	Internal	CD/DVD		
	External	Local Backup by USB ODD and Network Backup by CMS		
External Storage		e-SATA(Local Storage Extension)		
Status Display		3xLEDs (Power, Network, Recording)		
System Recovery after Power Failure		Auto-Reboot and Journaling File System		
System Operation		Front Button, IR Remote Controller, USB Mouse		
Power		12V x 7A D/C		
Operating Temperature & Humidity		5~40 ℃ / 20~80% RH		
Dimension (WxDxH)		380 x 360 x 66 (mm) - 1.5U		
Certification		CE & FCC & MIC & WEEE, RoHS		

(*) Specification is subject to change without prior notice

Dimensions

360

380

66

PLUG & PLAY IP Embedded HD NVR

KN-3000 Series, an embedded type HD NVR, provides plug and play IP camera connection such as the analogue DVR. It supports up to 8ch real-time recording for 1080P HD network cameras. It means user does not need to setup network or any special applications.

True Full HD Local Monitoring

KN-3000 Series supports triple video output to local monitor, which are HDMI, VGA, and Composite. There are no needs to prepare any PC to setup network and connect IP Camera any more. Think of it as analogue DVR, not Network Video Recorder.

2-Way IP Camera Connection

KN-3000 Series provides 2-Way IP camera connection for a full compatibility with Onvif protocol network IP camera which includes major brand. It means user can choose one of two ways to connect IP camera between manual and Plug and Play.

Easy way to smart life

Our Mobile Management Solution (MMS) brings you to smart life that allows Easy monitoring /Playback/Event Search/Popup notification via your smartphone. Don't waste your time to frequently check your mobile app. KN-3000 Series will notify you with push pop-up message at any events.