HD CCTV
Over Coax

4K DISPLAY

4K Record

4K Playback

NAV-5M-32S

NAV-5M-32S

8MP Hybrid DVR

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HD	H.265	DDNS	Network	PTZ	Audio	MIC	Mobile	CMS	USB	Mouse	E-mail
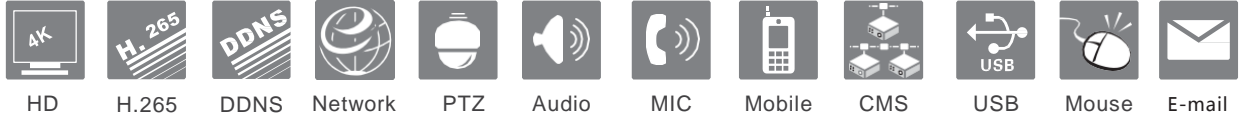
Introduction

NAV-5M-32S supports 32CH 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 high definition video input with ability to connect analog and IP cameras simultaneously, which adopts the standard H.265 high profile compression format and the most advanced SOC technique to ensure real time recording in each channel and realize outstanding robustness of the system. NAV-5M-32S supports 16 CH video input, 16 CH audio input, simultaneous 16 CH playback. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

Dimensions

445.00 mm

90.00mm

436.00 mm
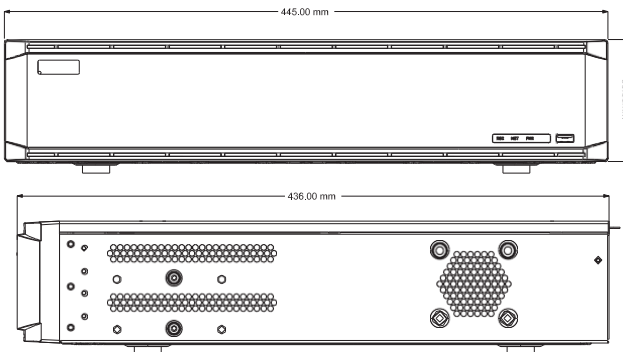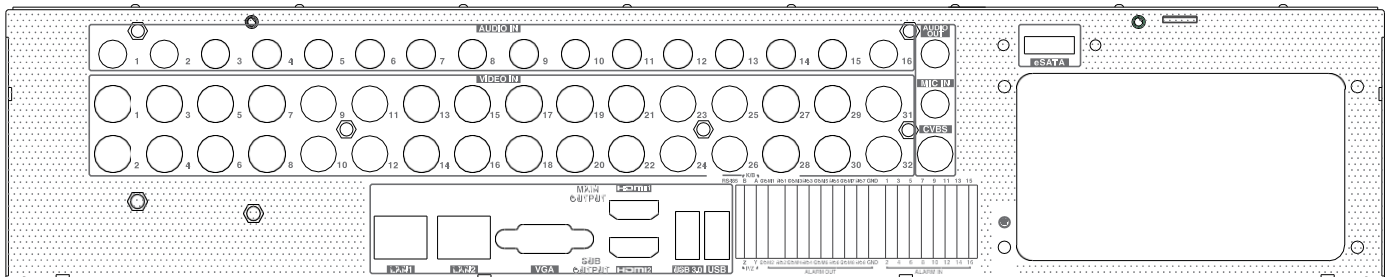
Characteristics

- 32 CH TVI / AHD /CVI 8MP/5MP/4MP/3MP/1080P/ 720P/WD1 video input
- 32 CH 8MP/5MP/4MP/3MP/1080P/ 720P/WD1 IP input
- 32 CH analog input can be switched to 32 CH IP input
- Standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface (GUI), window style operation by mouse
- Supports RAID 0, RAID1, RAID5, RAID6, RAID10
- Multi-mode recording: manual / timer / alarm linkage
- Playback : 16 CH simultaneously playback
- Search: time slice, time, event (manual, motion, sensor, smart event), tag search, smart search
- Express and flexible backup via USB, network and so on
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web Client or CMS : preview, playback, backup, PTZ and configuration
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorization management, log review and device status review
- HDMI 4K output, true high resolution display
- Supports PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Supports NAT function and QRCode scanning by mobile phones and tablets
- Powerful mobile surveillance by smart phones with iOS and Andriod OS

Rear Panels

Specification

Model		NAV-5M-32S
System	Compression	H.265/H.264
	OS	Embedded Linux
Video	Local Input	BNC ×32 (1.0Vp-P, 75Ω)
	Resolution	TVI/AHD/CVI：8MP@15fps，5MP@20fps，4MP/ 3MP/1080P/720P/WD1@30fps（Live）
	IP Input	32CH (Up to 64CH)
	Total Input	64CH
	Output	HDMI1：3840×2160/1920×1080/1280×1024 HDMI2：1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA：1920 × 1080 / 1280× 1024 BNC × 1：CVBS (used as the main or spot output)
Audio	Input	RCA × 16 (2.0Vp-P, 1kΩ)
	Output	RCA × 1(linear, 600Ω)
	Two-way audio	RCA ×1
	Compression	G.711A/U
Record	Resolution	8MP/8MP Lite/ 5MP/5MP Lite/4MP/4MP Lite / 3MP/ 1080P/720P/WD1/D1
	Frame Rate	Analog channels: 8MP@8fps (PAL/NTSC) 8MP Lite @12fps/15fps (PAL/NTSC) 5MP@12fps (PAL /NTSC) 5MP Lite @20fps (PAL /NTSC) 4MP/3MP@12fps / 15fps (PAL /NTSC) 4MP Lite/1080P/720P/WD1/D1 @25fps / 30fps (PAL/NTSC) IP channels: up to 8MP @30fps
	Bit Rate	32Kbps ~ 10Mbps
	Mode	Manual, timer, alarm linkage
IP Input	Resolution	Up to 8MP
	Frame Rate	25fps (PAL) / 30fps (NTSC)
Playback	Playback	16 CH
	Decoding Capability	1 CH 8MP 16CH 1080P@30fps
	Search	Time slice / time / event / tag search/smart search
	Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record events
	Function	Play, pause, FF, FB, digital zoom, etc.
Alarm	Input	16 CH
	Output	8 CH
	Triggering	Record, snap, preset, e-mail, buzzer, etc.
Network	Interface	RJ 45 1000Mbps ×2
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPs, ONVIF
	Incoming Bandwidth	160Mbps (Max.320Mbps)
	Outgoing Bandwidth	320Mbps

Mobile Device	OS	iOS, Andriod
Storage	HDD	SATA × 8, up to 8TB per HDD;
	E-SATA	E-SATA × 1
	RAID	RAID 0, 1, 5, 6, 10
Backup	Local Backup	USB flash disk, USB mobile HDD
	Network Backup	Yes
Port	RS 485	Yes (full-duplex), connectors for PTZ and keyboard
	USB	USB 2.0 × 2; USB3.0× 1
	Remote Controller	Optional
Others	Power Supply	ATX 250W
	Consumption	≤ 70W (without HDD)
	Dimensions (mm)	445 × 436× 90 (W × D × H)
	Working Environment	-10~50°C, 10%~90% (humidity)