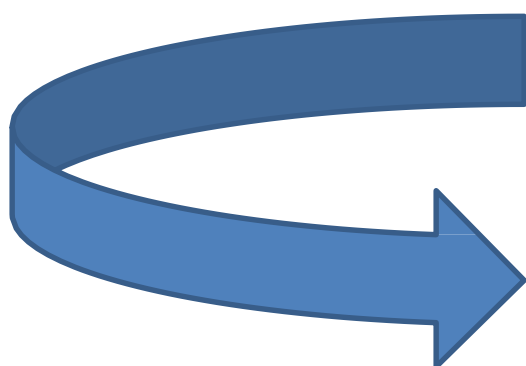
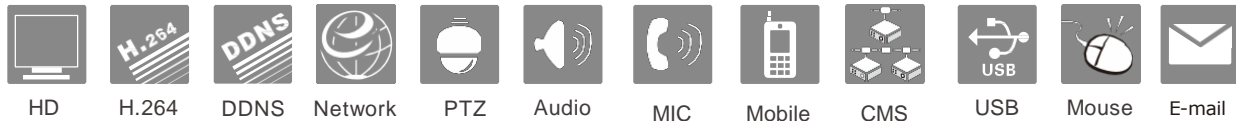




## Navaio S Series



**NAV-HD-16S**

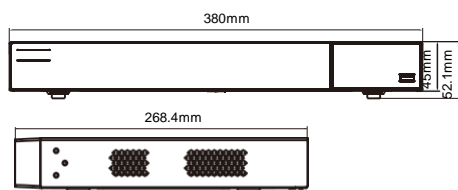


NAC-HD-16S is 16 CH 1080P high definition hybrid DVRs with ability to connect analog and IP cameras simultaneously, which adopt the standard H.264 high profile compression format and the most advanced SOC technique to ensure real time recording in each channel and realize outstanding robustness of the system. NAV-HD-16S support 16 CH video input, 4 CH audio input, simultaneous 16 CH real time playback. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

## Characteristics

- 16 CH TVI / CVI / AHD video input, 16 CH 1080P / 1080P lite / 720P / WD1 recording
- Support 4 CH IPC 3MP / 1080P / 960P / 720P recording
- Adopt standard H.264 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
- Multi-mode recording: manual / timer / motion / sensor
- Playback : 16 CH simultaneously playback
- Search: time slice, time, event ( manual, sensor, motion ), tag search
- Express and flexible backup via USB and 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
- 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 1080P output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QRCode scanning by mobile phone and PAD
- Powerful smart phone & Pad surveillance with iOS and Andriod OS

## Dimensions



## Specifications

Model		NAV-HD-16S
System	Compression	Standard H.264 High Profile
	CPU	Cortex A9
	OS	Embedded Linux
Video	Input	BNC x 16
	Resolution	TVI / CVI / AHD 1080P, 720P, WD1 real time
	IP Input / Access Bandwidth	IPC x 4 / 24Mbps
	Output	HDMI x 1 : 1920 x 1080, VGA x 1 : 1920 x 1080 BNC x 1 : CVBS ( used as the main or SPOT output )
Audio	Input	RCA x 4
	Output	RCA x 1
	2-way audio	Take up channel one audio input
Record	Resolution	1080P, 1080P lite, 720P, WD1
	Frame Rate	1080P : 200 fps (PAL) / 240 fps (NTSC) 1080P Lite / 720P / WD1 : 400 fps (PAL) / 480 fps (NTSC) ( PAL / NTSC )
	Bit Rate	768Kbps ~ 8Mbps
	Mode	Manual, timer, motion, sensor
IP Input	Resolution	3MP / 1080P / 960P / 720P
	Frame Rate	100 fps (PAL) / 120 fps (NTSC)
Play back	Playback	16 CH
	Search	Time slice / time / event / tag search
	Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
	Function	Play, pause, FF, FB, digital zoom, etc.
Alarm	Mode	Manual, sensor, motion, exception
	Input	4 CH
	Output	1 CH
	Triggering	Record, snap, preset, e-mail, etc.
Network	Interface	RJ45 10M / 100Mbps x 1
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMT
	Web Client	Max 6 users online
Mobile Device	OS	iOS, Andriod
Storage	HDD	SATA x 1, max 8T
Backup	Local Backup	U disk, USB mobile HDD
	Network Backup	Yes
Port	RS485	RS485 x 1, connect to PTZ or keyboard
	USB	USB 2.0 x 2 ( one in the front panel and the other in the rear panel )
	Remote Controller	Optional
Others	Power Supply	DC 12V
	Consumption	≤15W ( without HDD )
	Dimensions ( mm )	380 x 268 x 52 ( W x D x H )
	Work Environment	- 10 °C~ 50 °C, 10 % ~ 90 % humidity

Rear Panel

