

The WNVR18P5AI is an 8 channel PoE H.265 8MP NVR with 1 HDD bay and facial recognition. The NVR supports 8 channel 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1280 x 1024, 960P, 720P, 960H, D1 and CIF IP video input as well as 8 channel simultaneous playback.

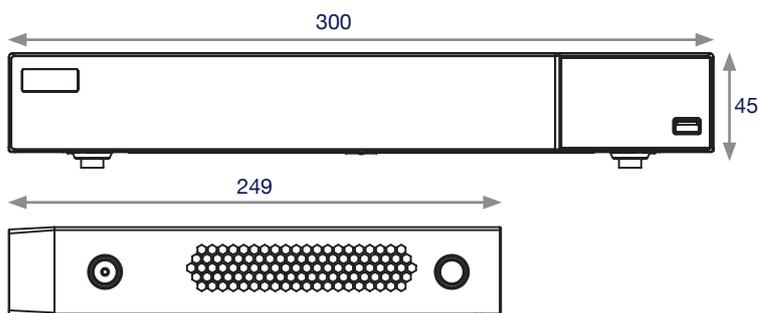


WNVR18P5AI

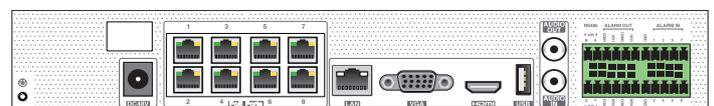
Key Features

- Supports 8 CH 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280 x 1024 / 960P / 720P / 960H / D1 / CIF IP video input
- Standard H.265 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 / Smart events
- Playback : 8CH simultaneous playback
- Search : Time slice, time, event, tag, smart and face database search
- Supports face detection and comparison
- Supports multiple VCA (Video Content Analytics) events, such as object abandoned/missing, region intrusion, tripwire, video tampering, etc.
- Supports POS information overlay on live view and playback
- 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
- 8 PoE network ports, PoE power supply supported
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Multi-user online simultaneously
- Authorisation management, log view and device status view
- 4K output, true high resolution display
- Supports PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Supports NAT function and QR code scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS
- Immix and Sentinel platforms supported - running firmware 1.1.0 or later
- P2P ready for hassle free remote access

Dimensions (mm)



Rear of Panel



Specification

Model Number	WNVR18P5AI
System	
OS	Embedded Linux
Video	
IP Video Input	8CH IPC input
Incoming Bandwidth	80Mbps
IP Video Input Resolution	8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280x1024 / 960P / 720P / 960H / D1 / CIF
Output	HDMI x 1 : 3840x2160 @60fps / 3840x2160 @30fps / 1920x1080 / 1280x1024 / 1024x768 VGA 1 : 1920x1080 / 1280x1024 / 1024x768
Compression	Standard H.265/H.264
Audio	
Network Input	8 CH IPC audio input
Local Output	RCA x 1
Two-Way Audio	RCA x 1
Compression	G.711 (A/U)
Record	
Record Stream	Dual stream recording
Resolution	8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280x1024 / 960P / 720P / 960H / D1 / CIF
Frame Rate	NTSC: 30fps, PAL: 25fps
Mode	Manual, Timer, Motion, Sensor, Smart events
Playback	
Playback	Maximum 8CH (Simultaneous)
Search	Time Slice / Time / Event / Tag search
Smart Search	Highlighted colour to display the camera record in a certain period of time, different colours refers to different record events.
Function	Play, Pause, FF, FB, Digital zoom, etc.
Decoding Capability	
Live View/Playback	1CH 8MP / 4CH 1080P
Alarm	
Mode	Manual, Sensor, Motion, Exception, Smart events
Input	8 CH local alarm input, supports IPC alarm input
Output	4 CH
Triggering	Record, Snap, Preset, E-mail, etc.
Network	
Interface	RJ45 1000 Mbps x 1
PoE Port	RJ45 x 8 (IEEE802.3af, output power: ≤ 80W)
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x

Face	
Channel	8CH
Face Picture Database	32 libraries, 5000 face pictures
Computing Capability	180 pictures / minute
Face Picture Search	Search by picture is supported
Database Management	Add, modify, delete and search face pictures
Face Picture Adding	Add face pictures through APP, Web and external import
External Face Picture Enrolment	Resolution: 128 x 128, 1920 x 1080 Size: ≤ 70KB, Format: jpg&jpeg
Face Picture Comparison	Supports allow list and block list alarm
Face Track	Yes
Map of Face Track	Resolution: 2560 x 1920, Size: ≤ 512KB Format: jpg&jpeg
Statistic Graph of Face Information	Bar graph
Statistic Mode of Face Information	Statistics by day, week, month, quarter as well as customised time period
Mobile Device	
OS	iOS, Android
Remote Monitoring	
Immix Supported	Yes, Firmware 1.1.0 or later (3rd Party decoder required for Two-way Audio)
Sentinel	Yes, Firmware 1.1.0 or later
Storage	
HDD	SATA x1, max 8TB per HDD
Backup	
Local Backup	U disk, USB mobile HDD
Network Backup	Yes
Port	
RS485	Yes (Full-duplex), Connect to PTZ or keyboard
USB	USB 2.0 x 1, USB 3.0 x 1
Remote Controller	Optional
Others	
Power Supply	DC48V/2.5A
Consumption	≤ 15W (Without HDD and PoE power supply)
Working Environment	-10~50 °C, 10%~90% Humidity
Dimensions (mm)	300 x 249 x 45 (W x D x H)

Bioaccess Sales Ltd. reserves the right to change specifications without notice. Please contact your representative to confirm current specifications.