

The WAHD21 DVR's are a series of 5 in 1 DVR's compatible with AHD, TVI, CVI, CVBS and IP cameras and are available in 4, 8 and 16 channel formats. They have the ability to connect to analogue and IP cameras simultaneously and encode the video streams using the new H.265 high profile compression format which gives longer recording times compared to H.264 encoding. Real time recording is achievable up to 1080P video. These units will also support resolution up to 5MP in AHD, TVI and IP. The DVR's also have Android and iPhone P2P phone support as well as supporting 1 channel audio input and 4, 8 and 16 channel simultaneous playback. A highly versatile cost effective solution suitable for many CCTV applications.



WAHD21 Series Front



WAHD241 Back



WAHD281 Back

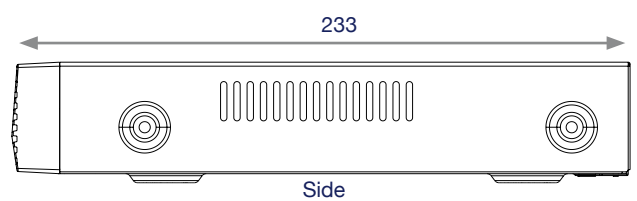
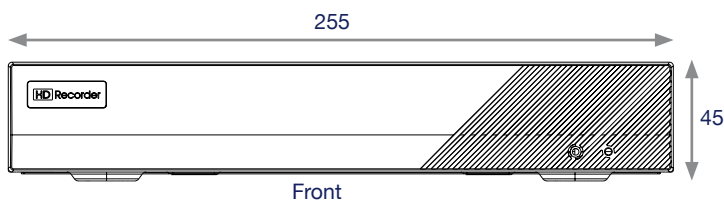


WAHD2161 Back

Key Features

- 4, 8 and 16 channel TVI and AHD video input with 5MP, 4MP, 3MP, 1080P, 720P and WD1 support
- 4, 8 and 16 channel CVI video input with 4MP, 3MP, 1080P, 960P, 720P and WD1 support
- 4, 8 and 16 channel DVR support 2, 4 and 8 channel IPC 5MP, 4MP, 3MP, 1080P, 960P and 720P
- Adopts 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
- Multi mode recording: Manual / Timer / Motion
- Playback : 4, 8 and 16 channel simultaneous playback
- Search: Time slice, Time, Event (Manual, Motion), Tag search
- Express and flexible backup via USB, network etc.
- Pentaplex : Preview, Record, Playback, Backup and Remote access
- DHCP, DDNS, PPPoE network protocol, IE browser and CMS supported
- Immix platform is supported - running firmware 1.1.0 or later
- Remote control via Web 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
- Authorisation management, log review and device status review
- Support 1080P output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QR code scanning by mobile phone and iPad
- Powerful smart phone & iPad surveillance with iOS and Android OS

Dimensions (mm)





Specification

Model Number	WAHD241	WAHD281	WAHD2161
Compression	Standard H.265 High Profile		
CPU	Cortex A9		
System OS	Embedded Linux		
Video Input	BNC x 4	BNC x 8	BNC x 16
Video Resolution	TVI and AHD : 5MP, 4MP, 3MP, 1080P, 720P, WD1 CVI : 4MP, 3MP, 1080P, 720P, WD1		
IP Input	2 Channel (Up to 6 channel)	4 Channel (Up to 12 channel)	8 Channel (Up to 16 channel)
Video Output	HDMI x 1 : 1920 x 1080 / 1280 x 1024 / 1024 x 768, BNC x 1 : CVBS (Used as the main or spot output), VGA x 1: 1920 x 1080 / 1280 x 1024 / 1024 x 768		
Audio Input	RCA x 1		
Audio Output	RCA x 1		
Two Way Audio	Yes		
Record Resolution	5MP Lite, 4MP Lite, 1080P, 1080P Lite, 720P, WD1		
Record Frame Rate	5MP Lite : 10fps 4MP Lite : 12fps PAL / 15fps NTSC 1080P : 12fps PAL / 15fps NTSC 1080P Lite : 25fps PAL / 30fps NTSC 720P and WD1 : 25fps PAL / 30fps NTSC		
Bit Rate	32Kbps ~ 4Mbps		32Kbps ~ 5Mbps
Record Mode	Manual, Timer, Motion, Sensor		
IP Input Resolution	Up to 5MP @ 25fps	Up to 5MP @ 30fps	
Playback	4 Channel	8 Channel	16 Channel
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.		
Alarm Mode	Manual, Motion, Exception		
Alarm Input	No		
Alarm Output	No		
Alarm Triggering	Record, Snap, Preset, E-mail etc.		
Network Interface	RJ45 100Mbps x 1		
Network Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP		
Network Access / Bandwidth	36/40Mbps	60/60Mbps	72/80Mbps
Immix Support	Yes, Firmware 1.1.0 or later		
Mobile Device	iOS, Android		
Storage	HDD : SATA x 1, Max. 6TB		
Backup	Local backup : U Disk, USB mobile HDD Network backup : Yes		
RS485	RS485 x 1, connect to PTZ or keyboard		
USB	USB 2.0 x 2 (In the rear panel)		
Remote Controller	Optional		
Power Supply	DC12V, 1.5A	DC12V, 2A	DC12V, 3A
Power Consumption	≤ 5W (Without HDD)	≤ 8W (Without HDD)	≤ 10W (Without HDD)
Working Environment	-10°C ~ 50°C, 10% ~ 90% Humidity		
Dimensions	255 (W) x 233 (D) x 45 (W) mm		

Genie Access reserves the right to change specifications without notice. Please contact your representative to confirm current specifications.