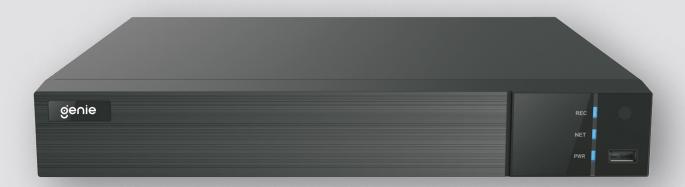# DIGITAL VIDEO RECORDER

8 Channel 5-in-1 High Definition 8MP Hybrid DVR with 1 HDD Bays

Key Features

- Supports 8 channel TVI / AHD / CVI 8MP, 5MP, 4MP, 3MP, 1080p, 720p and WD1 video input
- Supports 8 channel 8MP, 5MP, 4MP, 3MP, 1080p, 720p and WD1 IP input by default
- 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)
- Pentaplex: Preview, Record, Playback, Backup and Remote access
- HDMI 4K output, true high resolution display

- Multi-mode recording: Manual / Timer / Motion / Smart Event. Playback : 8 channel simultaneous playback
- Search: Time Slice, Time, Event, Tag and Smart Search
- Express and flexible backup via USB and Network
- DHCP, DDNS, PPPoE Network protocol
- Remote control via IE or CMS : Preview, Playback, Backup, PTZ and Configuration
- Authorisation management, log review and device status review
- Dual stream technology for local storage with

- high definition, remote network transmission and remote surveillance with mobile device
- Simultaneous multi-user online
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Support NAT function and QR Code scanning by mobile phones and tablets
- Powerful mobile surveillance by smart phones with iOS and Android OS

The Genie **WAHDN881** is a DVR that supports 16 channel 8MP, 5MP, 4MP, 3MP, 1080p, 720p and WD1 analogue and IP video input simultaneously. It adopts the standard H.265 high profile compression format and supports 16 channel video input, 1 channel audio input and simultaneous 16 channel playback.

genie

Specification

System

OS	Embedded Linux

Video

Analogue Video Input	BNC x8
	BNC interface (1.0Vp-p, 75Ω)
	TVI / AHD / CVI : 4K@15fps, 5MP @ 20fps, 4MP / 3MP / 1080p / 720p / WD1 @ 30fps (Live)
IP Video Input	8CH (Up to 16CH)
	Up to 8MP @ 20fps
Total Input	16CH
Output	HDMI x1 : 3840×2160 / 1920×1080 / 1280×1024 / 1024×768
	VGA x1 : 1920×1080 / 1280×1024 / 1024×768
	BNC x1 : CVBS (Used as the main or spot output)
Compression	H.264 / H.265

Audio

Input	RCA x1
Output	RCA x1 (Linear, 600Ω)
Two-Way Audio	Take up channel one audio input
Compression	G.711(U/A)

Record

Resolution	4K / 4K Lite / 5MP / 5MP Lite / 4MP / 4MP Lite / 3MP / 1080p / 720p / WD1 / D1
Frame Rate	Analogue Channel: 4K @ 6/7fps (PAL / NTSC) 4K Lite @ 12fps/15fps (PAL / NTSC) 5MP @ 12fps (PAL / NTSC) 5MP Lite @ 20fps (PAL / NTSC) 4MP/3MP @ 12fps(PAL) / 15fps (NTSC) 4MP Lite/1080p/720p/WD1 @ 25fps (PAL) / 30fps (NTSC)
	IP Channel: 25fps (PAL) / 30fps (NTSC)
Bit Rate	32Kbps ~ 5Mbps
Mode	Manual, Timer, Motion, Smart Event

Mobile Device

OS	iOS, Android

Storage

HDD	SATA x1, Up to 10TB per HDD

Playback

Playback	8CH
Search	Time Slice / Time / Event / Tag Search
Smart Search	Highlight colours to display the camera record in a certain period of time, different colours refer to different record events
Function	Play, Pause, FF, FB, Digital Zoom, etc.

Alarm

Mode	Manual, Motion, Exception, Smart Event
Input	No
Output	No

Network

Interface	RJ45 1000Mbps x 1
Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP
Incoming Bandwidth	32Mbps (Max. 64Mbps)
Outgoing Bandwidth	80Mbps

Remote Monitoring

Immix	Compatible with Immix via RTSP only (2-way audio not supported)
Sentinel	Yes, Firmware 1.1.0 or later

Backup

Local Backup	USB stick, USB mobile HDD
Network Backup	Yes

Port

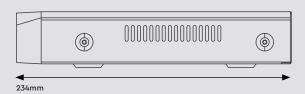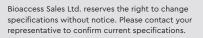|	
RS485	Yes (Half-duplex), Connect to PTZ or Keyboard
USB	USB 2.0 × 2
Remote Controller	Optional

Others

Power Supply	DC12V / 3A
Consumption	≤15W (Without HDD)
Working Environment	-10~50°C, 10%~90% (Humidity)
Dimensions	255 × 234 × 42 mm

genie

Dimensions

255mm

42mm

234mm

genie