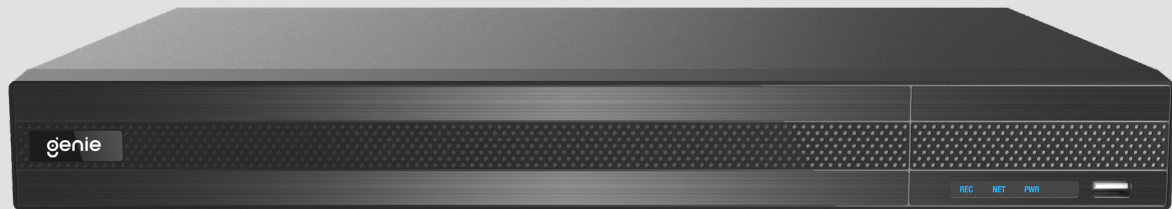


WAHDN8162

DIGITAL VIDEO RECORDER

16 Channel 5-in-1 High Definition 8MP Hybrid DVR with 2 HDD Bays



Key Features

- Supports 16 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 : 16 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 **WAHDN8162** 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.



Specification

System

OS Embedded Linux

Video

Analogue Video Input BNC x16
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 @ 30fps

Total Input 24CH

Output HDMI x1 : 3840×2160 / 1920×1080 / 1280×1024
VGA x1 : 1920×1080 / 1280×1024
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 @ 8fps (PAL / NTSC)
4K 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 (PAL) / 30fps (NTSC)
IP Channel: 8MP @ 25fps / 30fps (PAL / NTSC)

Bit Rate 32Kbps ~ 5Mbps

Mode Manual, Timer, Motion, Smart Event

Mobile Device

OS iOS, Android

Storage

HDD SATA x2, Up to 8TB per HDD

Playback

Playback 16CH

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, ONVIF

Incoming Bandwidth 32Mbps

Outgoing Bandwidth 96Mbps

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 U disk, 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 / 4A

Consumption ≤30W (Without HDD)

Working Environment -10~50°C, 10%~90% (Humidity)

Dimensions 380 × 268 × 45 mm

Dimensions

