

WAHDN841A

DIGITAL VIDEO RECORDER

4 Channel 5-in-1 High Definition DVR



Key Features

- 4 CH TVI / AHD/CVI 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 video input
- 4CH DVR supports 2CH 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 IP video input by default
- 4CH analog video input can be switched to 4CH IP video input
- Adopt 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 / timed / motion / sensor / AI recording
- Playback : 4CH simultaneously playback
- Search: time slice, time, event, tag and smart search
- 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
- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- Authorization management, log review and device status review
- HDMI 4K 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 phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

The Genie **WAHDN841A** is a DVR that supports up to 6 channels 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 6 channel video input, 4 channel Alarm Input, 4 channel audio input, and simultaneous 4 channel playback.



genie

Specification

System

OS Embedded Linux

Video

Analogue Video Input BNC 4
BNC interface (1.0Vp-p, 75Ω)
TVI / AHD / CVI : 4K@15fps, 5MP @ 20fps, 4MP / 3MP / 1080p / 720p / WD1 @ 30fps (Live)

IP Video Input 2CH (Up to 6CH)
Up to 8MP @ 20fps; lower than 8MP@30fps

Total Input 6CH

Output HDMI x 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024
VGA x 1 : 1920 × 1080 / 1280 × 1024
BNC x 1 : CVBS (used as the main or spot output)

Compression H.264/H.265/H.265+

Multi-screen Display 1/4/6/9

Audio

Input RCA x 4

Output RCA x 1 (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
Analog 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@25fps/30fps (PAL/NTSC)

Frame Rate IP Channel: 8MP@ 20fps(PAL / NTSC); lower than 8MP@25fps / 30fps (PAL / NTSC)

Bit Rate 32Kbps ~ 4Mbps

Mode Manual, Timer, Motion, Smart Event

AI Function

Smart Motion Detection Performance 4CH

Perimeter Protection Performance 1CH

Playback

Playback 4CH

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, Sensor, Smart Event

Input 4CH

Output 1CH

Network

Interface RJ45 100 Mbps x 1

Protocol TCP / IP, IPv4, IPv6, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, 802.1x, FTP, RTP, RTSP, RTCP, NTP, SMTP, UDP, Websocket, SNMP, IGMP

Incoming Bandwidth 16Mbps (Max. 40Mbps)

Outgoing Bandwidth 40Mbps

Client Connection Max. 10 users access

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

Mobile Device

OS iOS, Android

Storage

HDD SATA x1, Up to 10TB per HDD; E-SATA x 1

Others

Power Supply	DC12V / 1.5A
Consumption	≤10W (Without HDD)
Working Environment	-10~50°C, 10%~90% (Humidity)
Dimensions (mm)	300 × 249 × 45 (W × D × H)
Certificate	CE, FCC
Environmental Protection	Comply with Directive EU RoHS, WEEE, REACH

Dimensions

