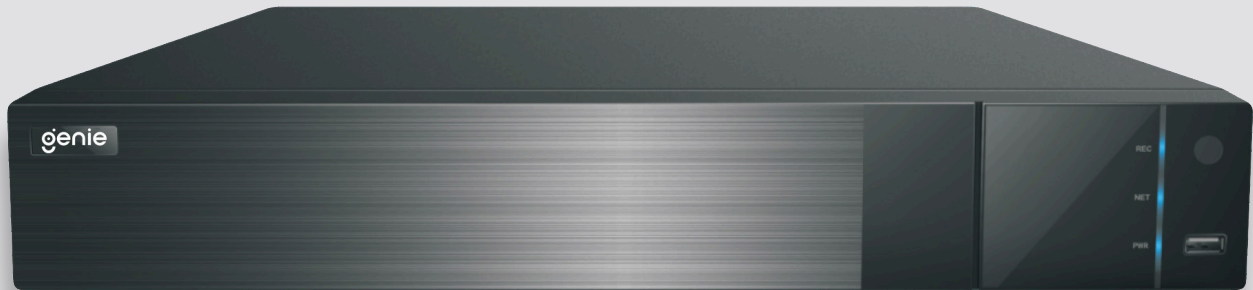


WAHDN2324A

DIGITAL VIDEO RECORDER

32 Channel 5-in-1 High Definition 1080p DVR with 4HDD Bay and Alarms



Key Features

- 32 CH TVI / AHD / CVI 5MP / 4MP / 3MP / 1080P / 720P / WD1 video input
- 32 CH DVRs support 8 CH 5MP / 4MP / 3MP / 1080P / 960P / 720P IP video input
- 16CH analog video input can be switched to 16CH IP video input
- 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 / Schedule / Sensor / Motion / Analytics Recording
- Playback : 16CH simultaneous playback
- Search: Time Slice, Time, Event (Manual, Motion), Tag Search 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
- Multi-user online simultaneously
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Authorisation management, log review and device status review
- 1080p output, true high resolution display
- Support NAT function and QR code scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

The Genie **WAHDN2324A** is a 5-in-1 DVR compatible with AHD, TVI, CVI, CVBS and IP cameras available in 32 channel formats. It has the ability to connect to analogue and IP cameras simultaneously and encode the video streams using the 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 with supporting resolution up to 5MP in AHD, TVI and IP. It is a highly versatile cost effective solution suitable for many CCTV applications.



Specification

System

OS Embedded Linux

Video

Analogue Video Input BNC x 32
BNC interface (1.0Vp-p, 75Ω)
TVI/AHD/CVI : 5MP@20fps;
4MP/3MP/1080P/720P/
WD1@25fps/30fps (live)

IP Video Input 8CH (Up to 24CH)
Up to 5MP @ 30fps

Total Input 40CH

Output HDMI x1 : 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

Multi-Screen Display 1/4/6/8/9/13/16/25/32/36

Audio

Input RCA x 16

Output RCA x 1 (Linear, 600Ω)

Two-Way Audio Take up channel one audio input

Compression G.711(U/A)

Record

Resolution 5MP Lite / 4MP Lite / 1080p / 1080p
Lite / 720p / WD1 / D1

Analogue Channel:
5MP Lite @ 10fps (PAL / NTSC)

4MP Lite / 1080P @ 12fps (PAL) /
15fps (NTSC)

Frame Rate

1080P Lite / 720P / WD1 / D1 @
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 x 4, Up to 10TB per HDD; E-SATA
x 1

Playback

Playback 16CH

Search Time Slice / Time / Event / Tag /
Smart 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 16CH

Output 4CH

Network

Interface RJ45 1000Mbps x 1

Protocol TCP / IP, PPPoE, DHCP, DNS, DDNS,
UPnP, HTTP, HTTPS, NTP, SMTP

Incoming Bandwidth 40Mbps

Outgoing Bandwidth 160Mbps

Client Connection Maximum 15 users access

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 (Full-duplex), Connect to PTZ or
Keyboard

USB USB 2.0 × 1; USB 3.0 × 1

Remote Controller Optional

Others

Power Supply ATX-250W

Consumption ≤30W (Without HDD)

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

Dimensions 440 × 390 × 70 mm

Dimensions

