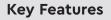
#### WAHDN2161A

# **DIGITAL VIDEO RECORDER**

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



- Supports 16 CH TVI/AHD/TVI 5MP/4MP 1080p/720p/WD1 video input
- Supports 8 CH 5MP/4MP/3MP/1080p/960p/ 720p IP video 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
- Multi-mode recording: Manual/Timer/Motion
- Playback : 16 CH simultaneous playback
- Multi-user online simultaneously

- Search: Time Slice, Time, Event (Manual, Motion), Tag 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
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises

oe∩ie

P2P ready for hassle free remote access

- Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- 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
- NDAA compliant

The Genie WAHDN2161A is a 5-in-1 DVR compatible with AHD, TVI, CVI, CVBS and IP cameras available in 4 and 8 channel formats. The DVR 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 supporting resolution up to 5MP in AHD, TVI and IP. The WAHDN2161A is a highly versatile cost effective solution suitable for many CCTV applications.



# Specification

#### System

| OS | Embedded Linux |
|----|----------------|
|    |                |

## Video

| 24 /     |
|----------|
| 4 /      |
| n or     |
| <u>/</u> |

## Audio

| Input         | RCA x8                          |
|---------------|---------------------------------|
| Output        | RCA x1 (Linear, 600Ω)           |
| Two-Way Audio | Take up channel one audio input |
| Compression   | G.711(U/A)                      |

#### Record

| Resolution | 5MP Lite / 4MP Lite / 1080p / 1080p<br>Lite / 720p / WD1 / D1 |
|------------|---|
| Frame Rate | Analogue Channel:<br>5MP Lite @ 10fps (PAL / NTSC)            |
|            | 4MP Lite / 1080P @ 12fps (PAL) /<br>15fps (NTSC)              |
|            | 1080p Lite / 720p / WD1 / D1 @<br>25fps (PAL) / 30fps (NTSC)  |
|            | IP Channel:<br>25fps (PAL) / 30fps (NTSC)                     |
| Bit Rate   | 32Kbps ~ 4Mbps  |
| Mode       | Manual, Timer, Motion, Smart Event                            |

## **Mobile Device**

| OS | iOS, Android |
|----|--------------|
|    |              |

#### Storage

HDD SATA x2, Up to 8TB per HDD, E-SATA x1

## Playback

| Playback     | 16CH  |
|--------------|---|
| Search       | Time Slice / Time / Event / Tag<br>Search   |
| Smart Search | Highlight colours to display the<br>camera record in a certain period<br>of time, different colours refer to<br>different record events |
| Function     | Play, Pause, FF, FB, Digital Zoom, etc.   |
| Alarm        |   |

| Mode   | Manual, Motion, Exception, Smart<br>Event |
|--------|---|
| Input  | 16CH                                      |
| Output | 4CH                                       |

#### Network

| Interface          | RJ45 1000Mbps x 1   |
|--------------------|---|
| Protocol           | TCP / IP, PPPoE, DHCP, DNS, DDNS,<br>UPnP, HTTP, HTTPs, NTP, SMTP |
| Incoming Bandwidth | 32Mbps (Max. 64Mbps)  |
| Outgoing Bandwidth | 96Mbps  |

# **Remote Monitoring**

| Immix    | Compatible with Immix via RTSP only<br>(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<br>Keyboard |
|-------------------|--|
| USB               | USB 2.0 × 2                                      |
| Remote Controller | Optional   |

## Others

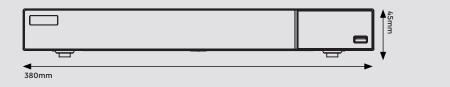
| Power Supply        | DC12V / 4A                   |
|---------------------|------------------------------|
| Consumption         | ≤15W (Without HDD)           |
| Working Environment | -10~50°C, 10%~90% (Humidity) |
| Dimensions          | 300 × 268 × 45 mm            |

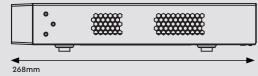
Bioaccess Sales Ltd. reserves the right to change specifications without notice. Please contact your representative to confirm current specifications.

Sales +44(0)1707 330541 Enquiries sales@genieproducts.co.uk Website www.genieproducts.co.uk



## Dimensions





Sales +44(0)1707 330541 Enquiries sales@genieproducts.co.uk Website www.genieproducts.co.uk

