

### HWN-2104MH-4P, HWN-2108MH-8P SERIES NVR



## Features and Functions

### Video Input and Transmission

- Connectable to the third-party network cameras
- Up to 8 network cameras can be connected

### Compression and Recording

- H.265+/H.265 compression effectively reduces the storage space and costs
- Full channel recording at up to 4 MP resolution

### HD Video Output

- HDMI/VGA output at 1080p resolution

### Storage and Playback

- 1-ch playback at 4 MP resolution or 2-ch at 1080p resolution
- 1 SATA hard disk can be connected with 6TB capacity

### Smart Function

- Supports line crossing and intrusion detection
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- One-key operation: automatically search, modify and add IP cameras after device is activated

### Network & Ethernet Access

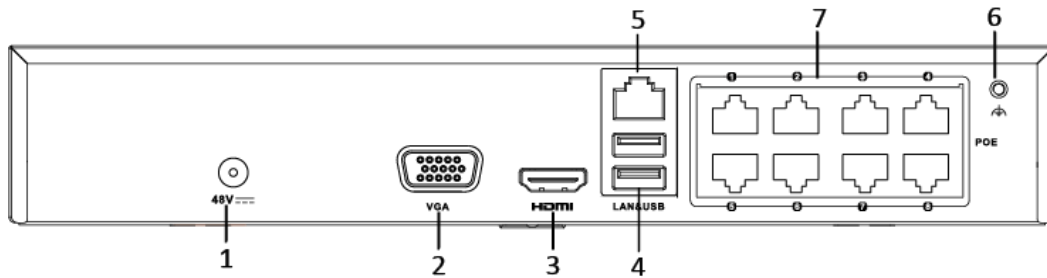
- Hik-Connect for easy network management
- 100 Mbps Ethernet network interface
- 4/8 independent 100 Mbps built-in switch network interfaces



## Specifications

| Model              |                                         | HWN-2104MH-4P                                                         | HWN-2108MH-8P                                         |
|--------------------|-----------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------|
| Video input        | IP video input                          | 4-ch                                                                  | 8-ch                                                  |
|                    |                                         | Up to 4 MP resolution                                                 |                                                       |
| Network            | Incoming bandwidth                      | 40 Mbps                                                               | 60 Mbps                                               |
|                    | Outgoing bandwidth                      | 60 Mbps                                                               |                                                       |
| Video output       | Recording resolution                    | 4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF               |                                                       |
|                    | HDMI/VGA output resolution              | 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |                                                       |
| Decoding           | Decoding format                         | H.265+/H.265/ H.264+/H.264                                            |                                                       |
|                    | Live view/Playback resolution           | 4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF               |                                                       |
|                    | Synchronous playback                    | 4-ch                                                                  | 8-ch                                                  |
|                    | Capability                              | 1-ch @ 4 MP / 2-ch @ 1080p                                            |                                                       |
| Hard disk          | SATA                                    | 1 SATA interface                                                      |                                                       |
|                    | Capacity                                | Up to 6TB capacity for each disk                                      |                                                       |
| Network management | Network protocols                       | TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, UPnP™          |                                                       |
| External interface | Network interface                       | 1, RJ-45 10/100Mbps self-adaptive Ethernet interface                  |                                                       |
|                    | USB interface                           | 2 × USB 2.0                                                           |                                                       |
| POE Interface      | Interface                               | 4, RJ-45 10/100 Mbps self-adaptive Ethernet interface                 | 8, RJ-45 10/100 Mbps self-adaptive Ethernet interface |
|                    | Power                                   | ≤ 36W                                                                 | ≤ 75W                                                 |
|                    | Standard                                | IEEE 802.3 af/at                                                      |                                                       |
| General            | Power supply                            | 48 VDC                                                                |                                                       |
|                    | Power                                   | ≤ 50W                                                                 | ≤ 90W                                                 |
|                    | Consumption (without hard disk and PoE) | ≤ 10 W                                                                |                                                       |
|                    | Working temperature                     | -10 to +55° C (+14 to +131° F)                                        |                                                       |
|                    | Working humidity                        | 10 % to 90 %                                                          |                                                       |
|                    | Chassis                                 | 1U chassis                                                            |                                                       |
|                    | Dimensions (W × D × H)                  | 260 × 225 × 48 mm (10.2" × 8.9" × 1.9")                               |                                                       |
|                    | Weight (without hard disk)              | ≤ 1 kg (2.2 lb)                                                       |                                                       |

## Physical Interfaces



| Index | Name           | Index | Name                                                                                                           |
|-------|----------------|-------|----------------------------------------------------------------------------------------------------------------|
| 1     | Power Supply   | 5     | LAN Network Interface                                                                                          |
| 2     | VGA Interface  | 6     | Ground                                                                                                         |
| 3     | HDMI Interface | 7     | Network Interfaces with PoE function<br>(4 interfaces for HWN-2104MH-4P and<br>8 interfaces for HWN-2108MH-8P) |
| 4     | USB Interface  |       |                                                                                                                |

## Applicable Models

**HWN-2104MH-4P, HWN-2108MH-8P**

Distributed by



**HIKVISION**<sup>®</sup>  
HiWatch Series

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Africa**  
T +27 (0) 0351172  
sale.africa@hikvision.com

**Hikvision Europe**  
T +31-23-55-42-770  
info.eu@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Oceania**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision Hong Kong**  
T +852-2151-1761

**Hikvision Middle East**  
T +971-4-8816086  
salesme@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Canada**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
poland@hikvision.com

**Hikvision Korea**  
T +82-31-731-8841  
sales.korea@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision UK**  
T +01628-902140  
support.uk@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com