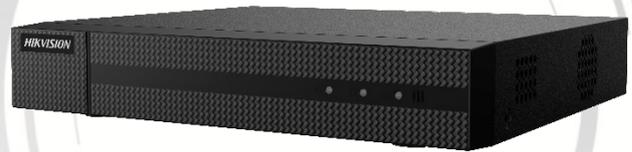


### HWN-5200MH/P SERIES NVR



## Features and Functions

### Professional and Reliable

- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

### HD Input

- H.265/ H.265+/H.264/H.264+/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 16 IP cameras can be connected
- Recording at up to 8 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 8 MP resolution

### HD Output

- HDMI and VGA independent outputs provided
- HDMI Video output at up to 4K (3840 × 2160) resolution

### HD Storage

- Up to 2 SATA interfaces connectable for recording and backup
- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

### HD Transmission

- 1 self-adaptive 10 M/100 M/1000 Mbps network interface

### Various Applications

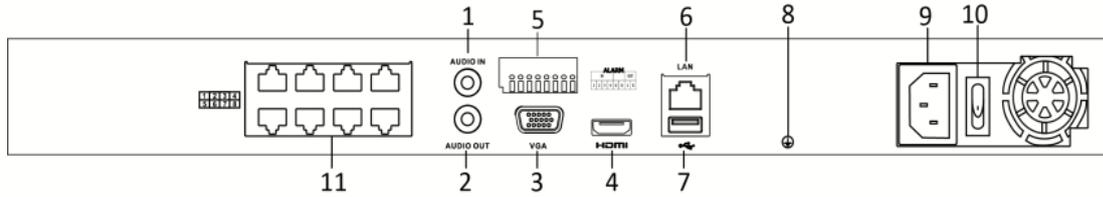
- Adopt stream over TLS encryption technology (enhanced SDK service and RTP over HTTPS protocol) which provides more secure stream transmission service (max. 128 Mbps TLS stream outgoing bandwidth)
- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from Hikvision and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Instant playback for assigned channel during multi-channel display mode
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports HDD quota and group modes; different capacity can be assigned to different channels
- Hik-Connect for easy network management



## Specification

| Model                  |                                 | HWN-5208MH-8P  | HWN-5216MH-16P   |
|------------------------|---------------------------------|--|--|
| Video/<br>Audio input  | IP video input                  | 8-ch   | 16-ch  |
|                        | Incoming bandwidth              | 80 Mbps  | 160 Mbps   |
|                        | Outgoing bandwidth              | 160 Mbps   |  |
| Video/<br>Audio output | HDMI output resolution          | 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |  |
|                        | VGA output resolution           | 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz   |  |
|                        | Audio output                    | 1-ch, RCA (Linear, 1 KΩ)   |  |
| Decoding               | Decoding format                 | H.265/H.265+/H.264/H.264+/MPEG4  |  |
|                        | Recording resolution            | 8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF  |  |
|                        | Synchronous playback            | 8-ch   | 16-ch  |
|                        | Capability                      | 2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps)  |  |
| Network management     | Network protocols               | TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS  |  |
| Hard disk              | SATA                            | 2 SATA interfaces  |  |
|                        | Capacity                        | Up to 6 TB capacity for each HDD   |  |
| External interface     | Two-way audio                   | 1-ch, RCA (2.0 Vp-p, 1kΩ)  |  |
|                        | Network interface               | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface  |  |
|                        | USB interface                   | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0  |  |
|                        | Alarm in/out                    | 4/1  |  |
| POE interface          | Interface                       | 8, RJ-45 10/100 Mbps self-adaptive Ethernet interface  | 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface |
|                        | Power                           | ≤ 120 W  | ≤ 200 W  |
|                        | Supported standard              | IEEE 802.3 af/at   |  |
| General                | Power supply                    | 100 to 240 VAC, 50 to 60Hz, 1 A  |  |
|                        | Consumption (without hard disk) | ≤ 15 W (without enabling PoE)  |  |
|                        | Working temperature             | -10 °C to 55 °C (14 °F to 131 °F)  |  |
|                        | Working humidity                | 10 to 90 %   |  |
|                        | Dimensions (W × D × H)          | 385 × 315 × 52 mm (15.2" × 12.4" × 2.0")   |  |
|                        | Weight (without hard disk)      | ≤ 3 kg (6.6 lb)  |  |

## Physical Interfaces



**NOTE**

The HWN-5216-16P provide 16 network Interfaces with PoE function.

**Figure 1.1.1.1.1.1**

| Index | Description                         | Index | Description                          |
|-------|-------------------------------------|-------|--------------------------------------|
| 1     | AUDIO IN                            | 7     | USB 3.0 Interface.                   |
| 2     | AUDIO OUT                           | 8     | GND                                  |
| 3     | VGA Interface                       | 9     | 100 to 240 VAC power supply          |
| 4     | HDMI Interface                      | 10    | Power Switch                         |
| 5     | Controller Port, Alarm In/Alarm Out | 11    | Network Interfaces with PoE function |
| 6     | LAN Network Interface               |       |                                      |

## Available Models

HWN-5208MH-8P, HWN-5216MH-16P



Distributed by



**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