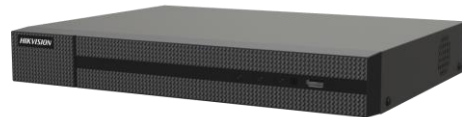


## HWD-7116MH/T 16-ch 5 MP 1U H.265 DVR

### ▪ Key Feature

- 16 channels and 1 HDD 1U DVR
- Encoding ability up to 4K/8MP @ 8fps; 3K/5MP @ 12fps
- Up to 32 channels IP camera inputs, each channel up to 8MP
- 5 signals input adaptively (HDTVI/AHD/CVI/CVBS/IP)
- Support All channels Motion Detection Technology
- Support All channels HDTVI Two-Way Audio Technology



### Smart Function

- Deep learning based human and vehicle targets classification of Motion Detection 2.0

### Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Support 8 MP@8 fps encoding

### Storage and Playback

- 1 SATA interfaces (up to 10 TB capacity per HDD)
- Smart search for efficient playback

### Network & Ethernet Access

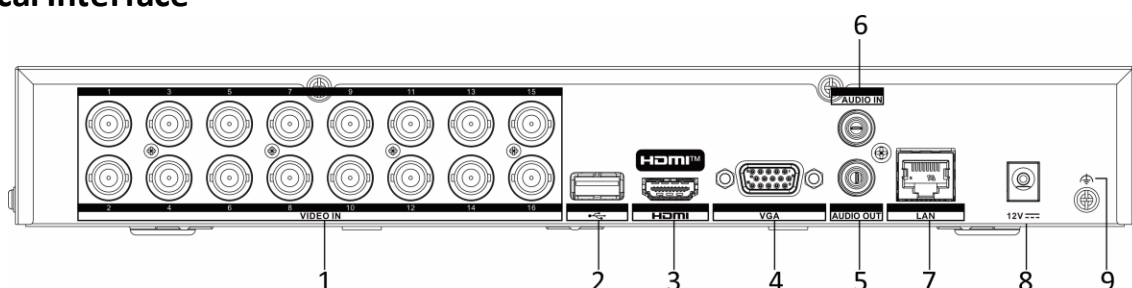
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

## ▪ Specification

| Motion Detection 2.0   |                                                                                                                                                                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Human/Vehicle Analysis | <p>Deep learning-based motion detection 2.0 is enabled by default for all analog channels. It can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights.</p> <p>Quick search by object or event type is supported.</p> |
| Video and Audio        |                                                                                                                                                                                                                                                                         |
| IP Video Input         | <p>8-ch (up to 24-ch)</p> <p>Enhanced IP mode on:<br/>16-ch (up to 32-ch), each up to 4 Mbps<br/>Up to 8 MP resolution<br/>Support H.265+/H.265/H.264+/H.264 IP cameras</p>                                                                                             |
| Analog Video Input     | <p>16-ch</p> <p>BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection</p>                                                                                                                                                                                     |
| HDTVI Input            | 8 MP(3840 × 2160)@12/15 fps, 3K(2960 × 1665)@25/20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps                                                                                                                           |
| AHD Input              | 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps                                                                                                                                                                                   |
| HDCVI Input            | 8 MP(3840 × 2160)@12/15 fps, 3K(2880×1620)@25/20fps, 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps                                                                                                                              |
| CVBS Input             | PAL/NTSC                                                                                                                                                                                                                                                                |
| HDMI Output            | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz                                                                                                                                                                 |
| VGA Output             | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz                                                                                                                                                                                                               |
| Video Output Mode      | HDMI/VGA simultaneous output                                                                                                                                                                                                                                            |
| Audio Input            | <p>1-ch, RCA (2.0 Vp-p, 1 KΩ)</p> <p>16-ch via coaxial cable</p>                                                                                                                                                                                                        |
| Audio Output           | 1-ch, RCA (Linear, 1 KΩ)                                                                                                                                                                                                                                                |
| Two-Way Audio          | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)                                                                                                                                                                                                                      |
| Synchronous playback   | 16-ch                                                                                                                                                                                                                                                                   |
| Recording              |                                                                                                                                                                                                                                                                         |
| Video Compression      | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264                                                                                                                                                                                                                                 |
| Encoding Resolution    | 8 MP/5 MP/3K/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF                                                                                                                                                                                                                      |
| Frame Rate             | <p>Main stream:<br/>8 MP@8 fps/3K@12 fps/5 MP@12 fps/4 MP@15 fps/8 MP Lite@15 fps/3 MP@18 fps<br/>1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)</p> <p>Sub-stream:<br/>WD1/4CIF/CIF@25 fps (P)/30 fps (N)</p>                                                       |
| Video Bitrate          | 32 Kbps to 10 Mbps                                                                                                                                                                                                                                                      |
| Dual-stream            | Support                                                                                                                                                                                                                                                                 |
| Stream Type            | Video, Video & Audio                                                                                                                                                                                                                                                    |
| Audio Compression      | G.711u                                                                                                                                                                                                                                                                  |
| Audio Bitrate          | 64 Kbps                                                                                                                                                                                                                                                                 |
| Network                |                                                                                                                                                                                                                                                                         |
| Total Bandwidth        | 128 Mbps                                                                                                                                                                                                                                                                |

|                            |                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------|
| Remote Connection          | 128                                                                                     |
| Network Protocol           | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF |
| Network Interface          | 1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface                               |
| Wi-Fi                      | Connectable to Wi-Fi network by Wi-Fi dongle through USB interface                      |
| <b>Auxiliary Interface</b> |                                                                                         |
| SATA                       | 1 SATA interfaces                                                                       |
| Capacity                   | Up to 10 TB capacity for each disk                                                      |
| USB Interface              | Front panel: 1 × USB 2.0<br>Rear panel: 1 × USB 2.0                                     |
| <b>General</b>             |                                                                                         |
| Power Supply               | 12 VDC, 3.33 A                                                                          |
| Consumption                | ≤ 40 W (without HDD)                                                                    |
| Working Temperature        | -10 °C to +55 °C (+14 °F to +131 °F)                                                    |
| Working Humidity           | 10% to 90%                                                                              |
| Dimension (W × D × H)      | 319 × 237 × 48 mm (12.6 × 9.3 × 1.9 inch)                                               |
| Weight                     | ≤ 2 kg (without HDD, 4.4 lb.)                                                           |

## ▪ Physical Interface

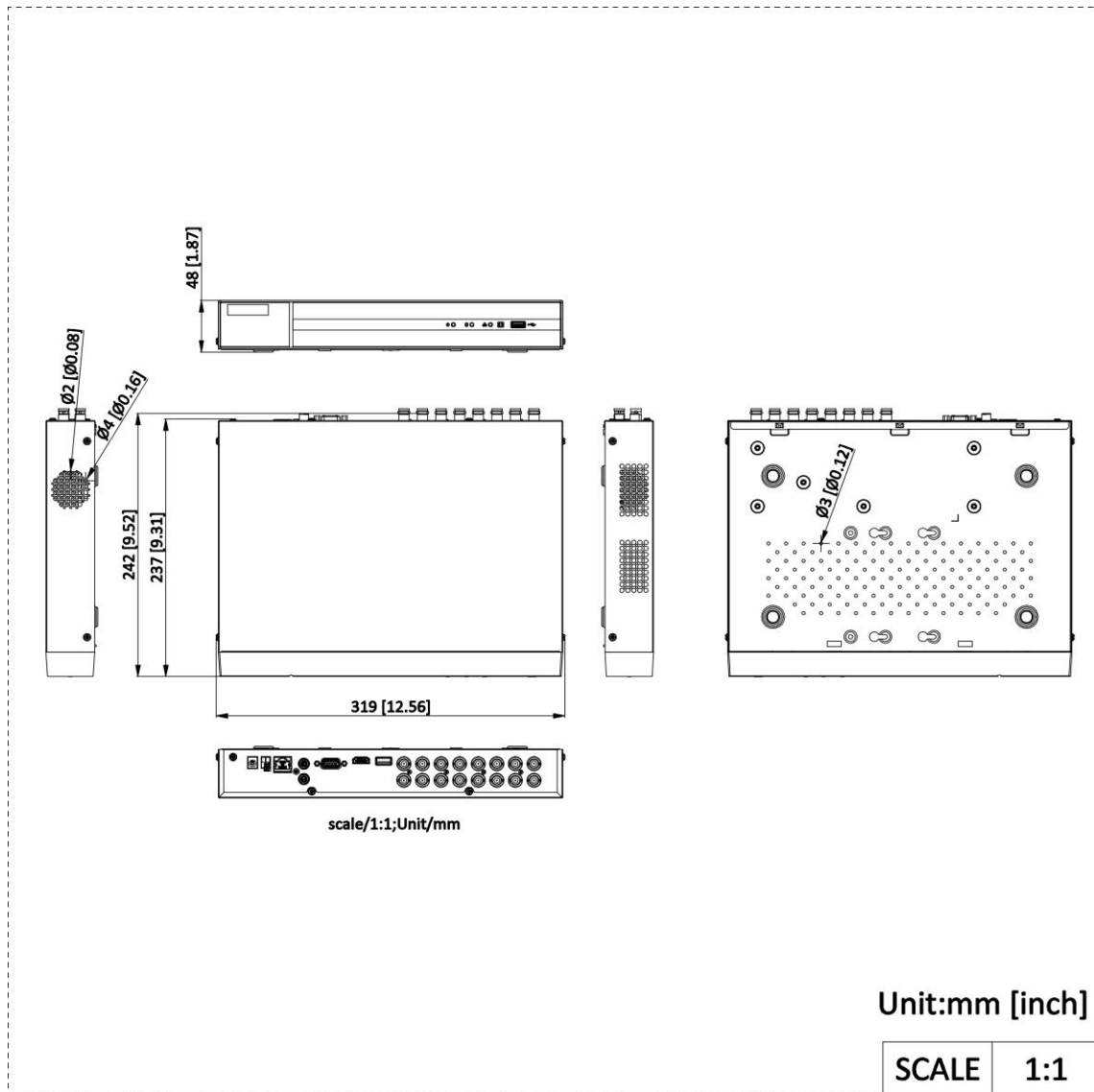


| No. | Description    | No. | Description           |
|-----|----------------|-----|-----------------------|
| 1   | VIDEO IN       | 6   | AUDIO IN              |
| 2   | USB interface  | 7   | LAN network interface |
| 3   | HDMI interface | 8   | 12V DC power input    |
| 4   | VGA interface  | 9   | GND                   |
| 5   | AUDIO OUT      |     |                       |

## ▪ Available Model

HW-HWD-7116MH/T

## ▪ Dimension



# See Far, Go Further



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