

## DS-2CE76D0T-LMFS 2 MP Dual Light Audio Fixed Turret Camera



- High quality imaging with 2 MP, 1920 × 1080 resolution
- 2.8 mm, 3.6 mm fixed focal lens
- Up to 30 m IR distance for bright night imaging
- Up to 20 m white light distance for bright night imaging
- One port for four switchable signals (TVI/AHD/CVI/CVBS)
- High quality audio with audio over coaxial cable, built-in mic
- Water and dust resistant (IP67)



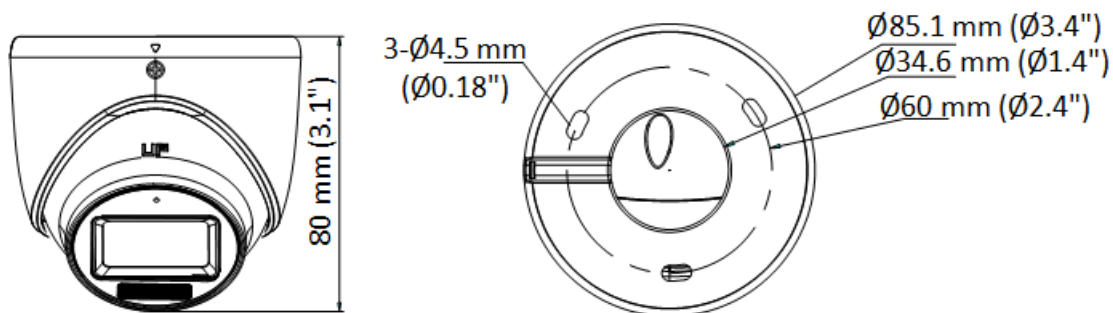
## ▪ Specification

| Camera                   |                                                                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor             | 2 MP CMOS                                                                                                                                |
| Max. Resolution          | 1920 (H) × 1080 (V)                                                                                                                      |
| Min. Illumination        | 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR                                                                                                 |
| Shutter Time             | PAL: 1/25 s to 1/50, 000 s; NTSC: 1/30 s to 1/50, 000 s                                                                                  |
| Day & Night              | ICR                                                                                                                                      |
| Angle Adjustment         | Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°                                                                                      |
| Signal System            | PAL/NTSC                                                                                                                                 |
| Lens                     |                                                                                                                                          |
| Lens Type                | 2.8 mm, 3.6 mm fixed focal lens                                                                                                          |
| Focal Length & FOV       | 2.8 mm, horizontal FOV: 101°, vertical FOV: 56°, diagonal FOV: 118°<br>3.6 mm, horizontal FOV: 78°, vertical FOV: 42°, diagonal FOV: 92° |
| Lens Mount               | M12                                                                                                                                      |
| Illuminator              |                                                                                                                                          |
| Supplement Light Type    | White Light, IR                                                                                                                          |
| Supplement Light Range   | IR : Up to 30 m<br>White Light : Up to 20 m                                                                                              |
| Image                    |                                                                                                                                          |
| Image Settings           | Brightness, Sharpness, Smart IR                                                                                                          |
| Frame Rate               | TVI: 1080P @ 30 fps, 1080P @ 25 fps<br>AHD: 1080P @ 30 fps, 1080P @ 25 fps<br>CVI: 1080P @ 30 fps, 1080P @ 25 fps<br>CVBS: PAL/NTSC      |
| Day/Night Mode           | IR/White Light                                                                                                                           |
| Wide Dynamic Range (WDR) | Digital WDR                                                                                                                              |
| Image Enhancement        | Yes                                                                                                                                      |
| White Balance            | Auto/Manual                                                                                                                              |
| AGC                      | Yes                                                                                                                                      |
| Interface                |                                                                                                                                          |
| Video Output             | Switchable TVI/AHD/CVI/CVBS                                                                                                              |
| General                  |                                                                                                                                          |
| Material                 | Metal                                                                                                                                    |
| Dimension                | 80 mm × Ø85.1 mm (3.1" × Ø3.4")                                                                                                          |
| Weight                   | Approx. 296 g (0.65 lb.)                                                                                                                 |
| Operating Condition      | -40 °C to 60 °C (-40 °F to 140 °F), humidity: 90% or less (non-condensation)                                                             |
| Communication            | HIKVISION-C                                                                                                                              |
| Language                 | English                                                                                                                                  |
| Power Supply             | 12 VDC ± 25%<br><i>*You are recommended to use one power adapter to supply the power for one camera.</i>                                 |
| Consumption              | Max. 3.3 W                                                                                                                               |
| Approval                 |                                                                                                                                          |
| Protection               | IP67                                                                                                                                     |

## ▪ Available Model

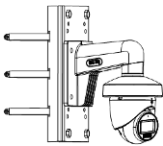
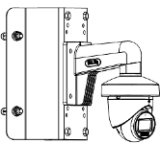
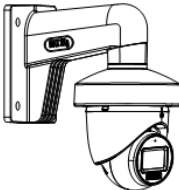
DS-2CE76D0T-LMFS

## ▪ Dimension



## ▪ Accessory

### ▪ Optional

| DS-1275ZJ-SUS<br>Vertical Pole<br>Mount                                             | DS-1276ZJ-SUS<br>Corner Mount                                                       | DS-1280ZJ-XS<br>Junction box                                                         | DS-1272ZJ-110-T<br>RS<br>Wall mount                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |   |  |
|  |  |  |  |

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## DS-7104HGH-K1 TURBO HD DVR

### Key Feature

- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTVI/AHD/CVI/TVBS/IP video input
- Audio via coaxial cable
- Up to 5-ch IP camera inputs (up to 2 MP)
- Up to 1080p Lite@15 fps encoding capability
- Max. 1200 m for 720p HDTVI signal



### Smart Function

- Deep learning-based motion detection 2.0

### Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Support 1080p Lite of all channels. When 1080p Lite is on, the image effect is similar with 1080p

### Storage and Playback

- 1 SATA interface (up to 4 TB capacity)
- Smart search for efficient playback

### Network & Ethernet Access

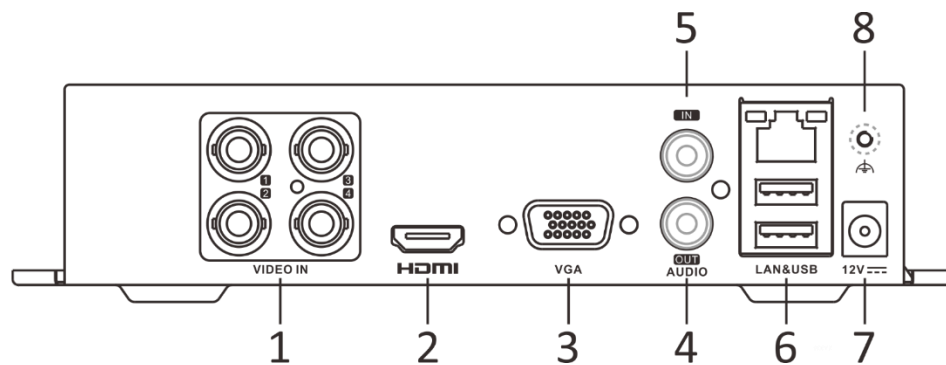
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

## ▪ 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>                                                            |
| Recording              |                                                                                                                                                                                                                                                                                                                                    |
| Video Compression      | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264                                                                                                                                                                                                                                                                                            |
| Encoding Resolution    | <p>For 1080p stream access: 1080p Lite/720p Lite/WD1/4CIF/VGA/CIF</p> <p>For 720p stream access: 720p/WD1/4CIF/VGA/CIF</p> <p>For SD stream access: WD1/4CIF/VGA/CIF</p>                                                                                                                                                           |
| Frame Rate             | <p>Main stream:</p> <p>For 1080p stream access: 1080p Lite/720p Lite/WD1/4CIF/VGA/CIF@25 fps(P)/30 fps (N)</p> <p>For 720p stream access: 720p/WD1/4CIF/VGA/CIF@ 25fps (P)/30 fps (N)</p> <p>For SD stream access: WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)</p> <p>Sub-stream:</p> <p>4CIF@15fps; CIF/QVGA@25 fps (P)/30 fps (N)</p> |
| Video Bitrate          | 32 Kbps to 4 Mbps                                                                                                                                                                                                                                                                                                                  |
| Stream Type            | Video, Video & Audio                                                                                                                                                                                                                                                                                                               |
| Audio Compression      | G.711u                                                                                                                                                                                                                                                                                                                             |
| Audio Bitrate          | 64 Kbps                                                                                                                                                                                                                                                                                                                            |
| Video and Audio        |                                                                                                                                                                                                                                                                                                                                    |
| IP Video Input         | <p>1-ch (up to 5-ch)</p> <p>Up to 1080p resolution</p> <p>Support H.265+/H.265/H.264+/H.264 IP cameras</p>                                                                                                                                                                                                                         |
| Analog Video Input     | <p>4-ch</p> <p>BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection</p>                                                                                                                                                                                                                                                 |
| HDTVI Input            | 1080p25, 1080p30, 720p25, 720p30                                                                                                                                                                                                                                                                                                   |
| AHD Input              | 1080p25, 1080p30, 720p25, 720p30                                                                                                                                                                                                                                                                                                   |
| HDCVI Input            | 1080p25, 1080p30, 720p25, 720p30                                                                                                                                                                                                                                                                                                   |
| CVBS Input             | Support                                                                                                                                                                                                                                                                                                                            |
| HDMI Output            | 1-ch, 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>4-ch via coaxial cable</p>                                                                                                                                                                                                                                                                     |

|                            |                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------|
| Audio Output               | 1-ch, RCA (Linear, 1 KΩ)                                                               |
| Two-Way Audio              | Reuse the first audio input                                                            |
| Synchronous playback       | 4-ch                                                                                   |
| <b>Network</b>             |                                                                                        |
| Total Bandwidth            | 64 Mbps                                                                                |
| Network Protocol           | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS |
| Remote Connection          | 32                                                                                     |
| Network Interface          | 1, RJ45 10/100 Mbps self-adaptive Ethernet interface                                   |
| <b>Auxiliary Interface</b> |                                                                                        |
| SATA                       | 1 SATA interface                                                                       |
| Capacity                   | Up to 4 TB capacity for each disk                                                      |
| USB Interface              | Rear panel: 2 × USB 2.0                                                                |
| Alarm In/Out               | N/A                                                                                    |
| <b>General</b>             |                                                                                        |
| Power Supply               | 12 VDC, 1.5 A                                                                          |
| Consumption                | ≤ 16 W (without HDD)                                                                   |
| Working Temperature        | -10 °C to 55 °C (14 °F to +31 °F)                                                      |
| Working Humidity           | 10% to 90%                                                                             |
| Dimension (W × D × H)      | 200 × 200 × 45 mm (7.9 × 7.9 × 1.8 inch)                                               |
| Weight                     | ≤ 0.8 kg (without HDD, 1.8 lb.)                                                        |

## Physical Interface



| No. | Description                | No. | Description                             |
|-----|----------------------------|-----|-----------------------------------------|
| 1   | Video and coaxial audio in | 5   | AUDIO IN, RCA connector                 |
| 2   | HDMI interface             | 6   | LAN network interface and USB interface |
| 3   | VGA interface              | 7   | 12 VDC power input                      |
| 4   | AUDIO OUT, RCA connector   | 8   | GND                                     |

## Available Model

DS-7104HGHI-K1

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## DS-2FA1225-C4 Switching Mode Power Supply



- 48 W, 12 VDC/1 A per channel
- Over current/short circuit/over voltage protection
- Good EMC performance
- Compact size; applicable to cameras

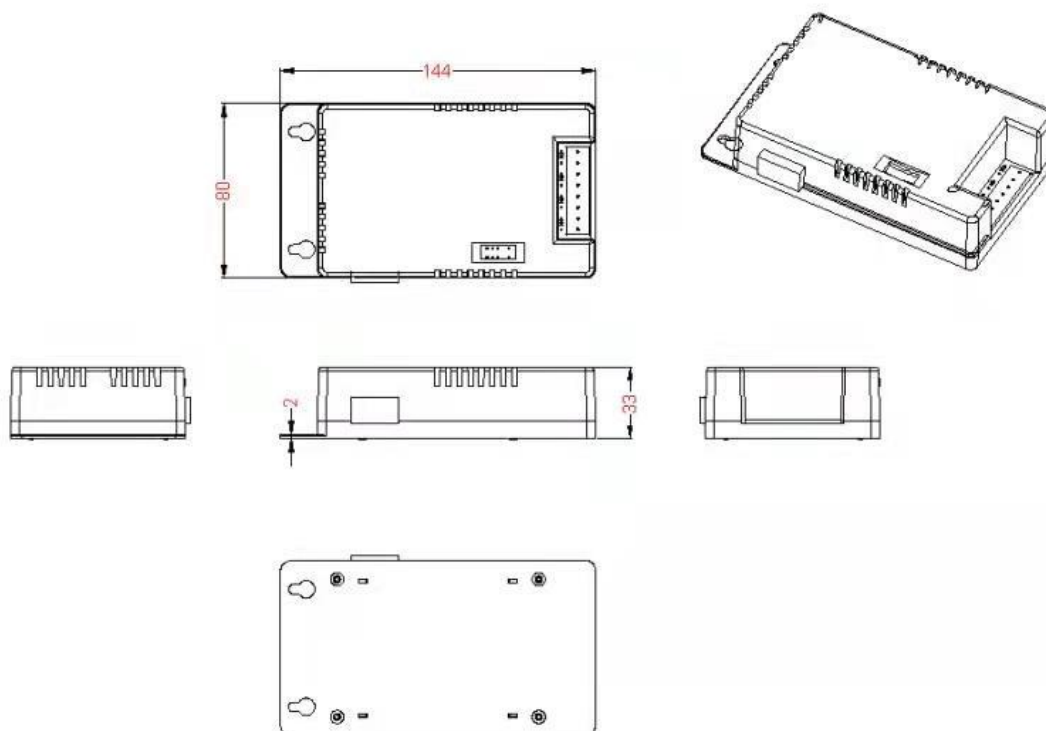
## ▪ Specification

| Parameters                |                                                                      |
|---------------------------|----------------------------------------------------------------------|
| Appearance                | White                                                                |
| Dimension                 | 144 mm × 80 mm × 33 mm (5.67" × 3.15" × 1.30")                       |
| Operating Conditions      | 0°C to 40°C (32°F to 104°F), Humidity: 10% to 95% (non-condensing)   |
| LED Indicator             | Green                                                                |
| Output                    | 12 VDC/1 A per channel                                               |
| Ripple & Noise 150 mVp-p  | 0.15 Vp-p (150 mV)                                                   |
| AC Input Connector        | C4                                                                   |
| DC Output Connector       | DC Plug: grid terminal                                               |
| Storage Conditions        | -40°C to 80°C (-40°F to 176°F), Humidity: 5% to 95% (non-condensing) |
| Cable Length Compensation | Normal: 12 VDC<br>Long: 13.5 VDC<br>Ex-Long: 15 VDC                  |

## ▪ Available Model

DS-2FA1225-C4(MEX)

## ▪ Dimension



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