

## DVR-104G-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/CVBS/IP video input
- Audio via coaxial cable
- Up to 5-ch IP camera inputs (up to 1080p)
- 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

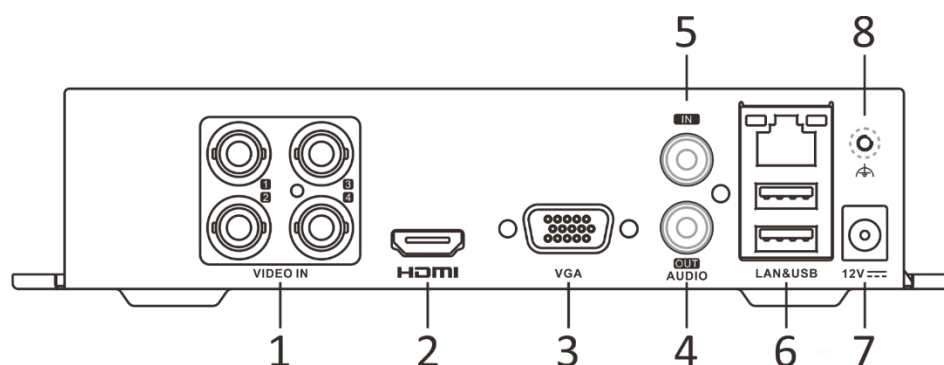
- HiLookVision & DDNS (Dynamic Domain Name System) for easy network management

## ▪ 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 K $\Omega$ )                                                       |
| 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, HiLookVision, 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

DVR-104G-K1



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## THC-B120-M 2 MP EXIR Bullet Camera



### Key Features

- 2 MP high-performance CMOS
- 1920 × 1080 resolution
- 2.8 mm, 3.6 mm, 6 mm fixed focal lens
- Day/Night switch
- EXIR 2.0, smart IR, up to 20 m IR distance
- 4 in 1 video output (switchable TVI/AHD/CVI/CVBS)
- IP66

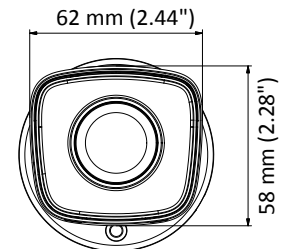
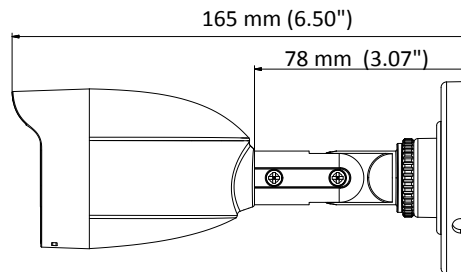
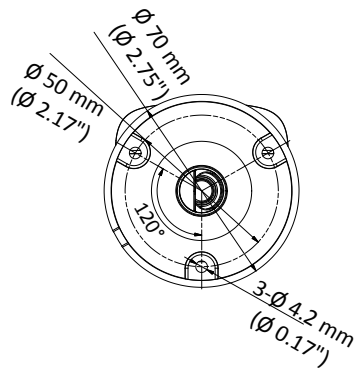
## Specifications

| <b>Camera</b>            |                                                                              |
|--------------------------|------------------------------------------------------------------------------|
| Image Sensor             | 2 MP CMOS image sensor                                                       |
| Signal System            | PAL/NTSC                                                                     |
| Effective Pixels         | 1920 (H) × 1080 (V)                                                          |
| Min. Illumination        | 0.01 Lux@(F1.2, AGC ON), 0 Lux with IR                                       |
| Shutter Time             | 1/25 (1/30) s to 1/50,000 s                                                  |
| Lens                     | 2.8 mm, 3.6 mm, 6 mm                                                         |
| Horizontal Field of View | 103° (2.8 mm), 80.7° (3.6 mm), 50.1° (6 mm)                                  |
| Lens Mount               | M12                                                                          |
| Day & Night              | IR cut filter                                                                |
| Angle Adjustment         | Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°                      |
| Synchronization          | Internal synchronization                                                     |
| Video Frame Rate         | PAL: 1080p@25fps<br>NTSC: 1080p@30fps                                        |
| <b>Menu</b>              |                                                                              |
| AGC                      | High/Medium/Low/Off                                                          |
| D/N Mode                 | Auto/Color/BW (Black and White)                                              |
| BLC                      | Support                                                                      |
| DWDR                     | Support                                                                      |
| Language                 | English                                                                      |
| Functions                | Brightness, Sharpness, DNR, Mirror, Smart IR                                 |
| <b>Interface</b>         |                                                                              |
| Video Output             | 1 HD analog output                                                           |
| Switch Button            | TVI/AHD/CVI/CVBS                                                             |
| <b>General</b>           |                                                                              |
| Operating Conditions     | -40 °C to 60 °C (-40 °F to 140 °F), Humidity: 90% or less (non-condensation) |
| Power Supply             | 12 VDC ±15%                                                                  |
| Power Consumption        | Max. 4 W                                                                     |
| Protection Level         | IP66                                                                         |
| Material                 | Metal                                                                        |
| IR Range                 | Up to 20 m                                                                   |
| Dimensions               | 165 mm × 62 mm × 58 mm (6.50" × 2.44" × 2.28")                               |
| Weight                   | 400 g (0.88 lb.)                                                             |

## Order Model

THC-B120-M

## Dimension



## Accessories



DS-1280ZJ-XS  
Junction Box



DS-1H18  
Video Balun