

## IPC-T640-Z 4.0 MP CMOS Varifocal Network Turret Camera



### Key Features

- 1/3" progressive scan CMOS
- Up to 4.0 megapixel high resolution
- 2.8 mm to 12 mm motorised, varifocal lens
- Up to 30 m IR range
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- PoE (Power over Ethernet)
- IP 67
- Mobile monitoring via Hik-Connect or iVMS-4500

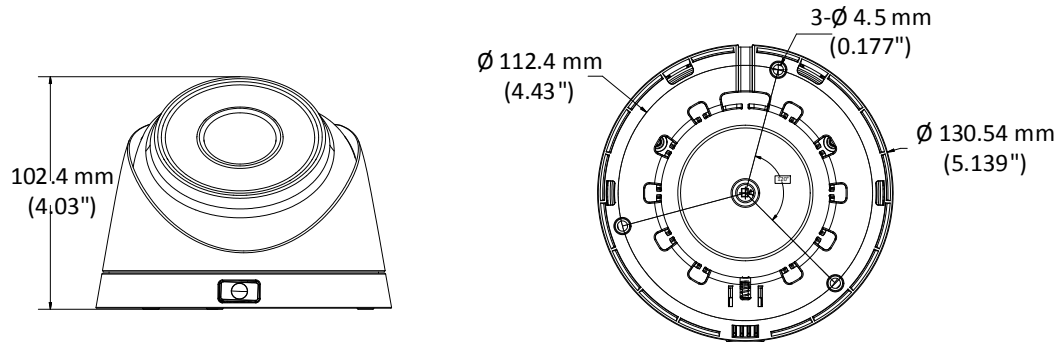
## Specification

| <b>Camera</b>                  |                                                                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                   | 1/3" progressive scan CMOS                                                                                                                                               |
| Min. Illumination              | Color: 0.01 Lux @(F1.2, AGC ON), 0 Lux with IR                                                                                                                           |
| Shutter Speed                  | 1/3 s to 1/100,000 s, support slow shutter                                                                                                                               |
| Lens                           | 2.8 mm to 12 mm @F1.4, horizontal field of view: 98° to 30°                                                                                                              |
| Lens Mount                     | Φ14                                                                                                                                                                      |
| Day & Night                    | IR cut filter with auto switch                                                                                                                                           |
| 3-Axis Adjustment              | Pan: 0° to 360°, tilt: 0° to 65°, rotation: 0° to 360°                                                                                                                   |
| DNR (Digital Noise Reduction)  | 3D DNR                                                                                                                                                                   |
| WDR (Wide Dynamic Range)       | 120 dB                                                                                                                                                                   |
| <b>Compression Standard</b>    |                                                                                                                                                                          |
| Video Compression              | Main stream: H.264+/H.264<br>Sub stream: H.264/MJPEG                                                                                                                     |
| H.264 Type                     | Main profile/High profile                                                                                                                                                |
| Video Bit Rate                 | 32 Kbps to 16 Mbps                                                                                                                                                       |
| <b>Image</b>                   |                                                                                                                                                                          |
| Max. Resolution                | 2688 × 1520                                                                                                                                                              |
| Main Stream<br>Max. Frame Rate | 50Hz: 20fps @(2688 × 1520), 20fps @(2304 × 1296), 25fps @(1920 × 1080, 1280 × 720)<br>60Hz: 20fps @(2688 × 1520), 20fps @(2304 × 1296), 30fps @(1920 × 1080, 1280 × 720) |
| Sub-stream<br>Max. Frame Rate  | 50Hz: 25fps @(640 × 360, 352 × 288)<br>60Hz: 30fps @(640 × 360, 352 × 240)                                                                                               |
| Image Settings                 | Brightness, saturation, contrast, sharpness are adjustable via web browser or client software                                                                            |
| Day/Night Switch               | Support auto, scheduled                                                                                                                                                  |
| Others                         | Mirror, BLC (area configurable), region of interest (support 1 fixed region)                                                                                             |
| <b>Network</b>                 |                                                                                                                                                                          |
| Network Storage                | NAS (NFS, SMB/CIFS)                                                                                                                                                      |
| Detections                     | Motion detection                                                                                                                                                         |
| Alarms                         | Video tampering, network disconnected, IP address conflicted                                                                                                             |
| Protocols                      | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour                                                |
| Standard                       | ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI                                                                                                                           |
| General Function               | One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter                                                          |
| <b>Interface</b>               |                                                                                                                                                                          |
| Communication Interface        | 1 RJ45 10M/100M self-adaptive Ethernet port                                                                                                                              |
| <b>General</b>                 |                                                                                                                                                                          |
| Operating Conditions           | -30 °C to 60°C (-22 °F to 140°F), humidity: 95% or less (non-condensing)                                                                                                 |
| Power Supply                   | 12 VDC ± 25%, PoE (802.3af)                                                                                                                                              |
| Power Consumption              | Max. 8.5 W/11 W (PoE)                                                                                                                                                    |
| Ingress Protection             | IP67                                                                                                                                                                     |
| IR Range                       | 20 m to 30 m                                                                                                                                                             |
| Dimensions                     | Φ 130.5 mm × 102.4 mm (5.14" × 4.03")                                                                                                                                    |
| Weight                         | 485 g (1.07 lb.)                                                                                                                                                         |

## Available Models

IPC-T640-Z

## Dimension



## Accessory



DS-1273ZJ-130-TRL  
Wall Mounting Bracket



DS-1275ZJ  
Vertical Pole Mounting Bracket



DS-1271ZJ-130-TRL  
Pendant Mounting Bracket



DS-1276ZJ  
Corner Mounting Bracket



DS-1280ZJ-M  
Junction Box



DS-1281ZJ-M  
Inclined Base Mounting Bracket