

# THK-iDS-2CD6810F/C

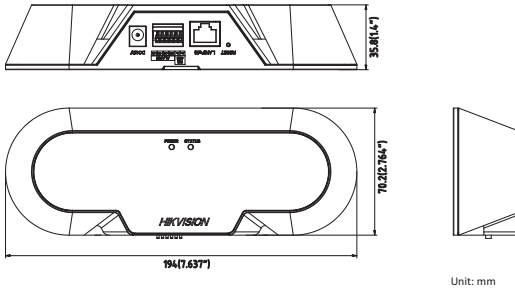
## Dual-Lens People Counting Camera



### FEATURES & NOTES

- ◆ 1/3" Progressive Scan CMOS
- ◆ Dual lens, dual CPU, support stereo views
- ◆ 2 mm / 2.8mm / 4mm lens, optional
- ◆ Max. resolution 640 x 960
- ◆ H.264
- ◆ Flash memory storing people counting data
- ◆ 3D digital noise reduction
- ◆ 12 VDC / PoE

### DIMENSION



### Installation Recommendation

Following table shows the relations among focal length, mounting height, and max. detection span of typical values.

| Focal Length (mm) | Mounting Height (m) | Max. Detection Span (m) |
|-------------------|---------------------|-------------------------|
| 2.0               | 2.5                 | 1.8                     |
| 2.0               | 3.0                 | 2.9                     |
| 2.0               | 3.5                 | 4.0                     |
| 2.0               | 4.0                 | 5.2                     |
| 2.8               | 3.0                 | 2.2                     |
| 2.8               | 3.5                 | 3.1                     |
| 2.8               | 4.0                 | 4.0                     |
| 2.8               | 4.5                 | 4.8                     |
| 2.8               | 4.7                 | 5.2                     |
| 2.8               | 4.0                 | 2.8                     |
| 4.0               | 4.5                 | 3.4                     |
| 4.0               | 5.0                 | 4.0                     |
| 4.0               | 5.5                 | 4.6                     |
| 4.0               | 6.0                 | 5.2                     |

Note: Mounting height of 2.0 mm lens camera should be no higher than 4 meters. Mounting height of 2.8 mm lens camera should be no higher than 4.8 meters.

### ACCESSORIES



| THK-iDS-2CD6810F/C          |  |
|-----------------------------|--|
| Image Sensor                | 1/1.8" Progressive Scan CMOS   |
| Shutter Speed               | 1/25s to 1/100,000 s   |
| Auto-iris                   | Manual   |
| Digital Noise Reduction     | 3D DNR   |
| Lens                        |  |
| Focal Length                | 2mm, 2.8mm, 4mm, optional  |
| Aperture                    | 2mm: F2.2 / 2.8mm: F2.0 / 4mm: F2.2  |
| FOV                         | 2mm: horizontal FOV 105°, vertical FOV 89°<br>2.8mm: horizontal FOV 83°, vertical FOV 68°<br>4mm: horizontal FOV 63°, vertical FOV 55° |
| Lens Mount                  | M12  |
| Compression Standard        |  |
| Video Compression           | Main stream: H.264 / Sub-stream: H.264   |
| H.264 Type                  | Baseline Profile / Main Profile  |
| Video Bit Rate              | 32 Kbps ~8 Mbps  |
| People Counting             |  |
| Statistics                  | Support separate counting of people entering, exiting, and passing by  |
| Data Uploading              | Support real-time uploading and uploading by statistic cycle   |
| Email Report                | Daily, weekly, monthly, and annual report supported  |
| Height Filter               | Support  |
| Image                       |  |
| Max. Resolution             | 640 x 960  |
| Main Stream Max. Frame Rate | 50Hz: 25fps (640x480) / 60Hz: 24fps (640x480)  |
| Sub-stream Max. Frame Rate  | 50Hz: 25fps (640x960) / 60Hz: 24fps (640x960)  |
| Image Enhancement           | 3D DNR   |
| Image Setting               | Brightness and sharpness are adjustable by client software or web browser  |
| Network                     |  |
| Alarm Trigger               | Video tampering, alarm input, alarm output, network disconnected, IP address conflict, illegal login                                   |
| Protocols                   | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour         |
| General Function            | One-key reset, anti-flicker, heartbeat, password protection, watermark   |
| API                         | ISAPI, HTTP  |
| Simultaneous Live View      | Up to 6 channels   |
| User/Host                   | Up to 32 users / 3 levels: Administrator, Operator, and User   |
| Client                      | iVMS-4200  |
| Web Browser                 | IE8+, Chrome 31-44, Firefox 30.0-51  |
| Interface                   |  |
| Communication Interface     | 1 RJ45 10M/100M Ethernet port / 1 RS-485 interface   |
| Alarm                       | 1 input, 1 output (up to 12 VDC, 30mA)   |
| Reset Button                | Yes  |
| General                     |  |
| Operating Conditions        | -10 °C ~ 40 °C (14 °F ~ 104 °F), Humidity 95% or less (non-condensing)   |
| Power Supply                | 12 VDC ± 25%, 5.5mm coaxial power plug / PoE (802.3at, class 3)  |
| Power Consumption           | 12 VDC, Max. 5W, 0.42A   |
| Current                     | PoE (802.3af 36V to 57V), max. 7W, 0.2A to 0.13A   |
| Material                    | Base: metal; cover: plastic  |
| Dimensions                  | Camera: 194 x 70.2 x 35.8mm (7.64" x 2.76" x 1.4")<br>Package: 225 x 125 x 76 mm (8.86" x 4.92" x 2.99")                               |
| Weight                      | Approx. 300g (0.66 lb), 480g (1.06 lb) with package  |