TPC-4K8-DM
4K (8MP) ULTRA HD OUTDOOR EXIR TURRET IP SECURITY CAMERA 2.8MM

**Main Features**

- 4K Ultra HD Resolution
- Max. 3840 x 2160 @ 15FPS
- 2.8mm Fixed Lens
- Field of View: 102°
- H.265, H.265+, H.264+, H.264
- 120dB Wide Dynamic Range
- DC12V & PoE (802.3AF)
- Up to 30m IR Distance
- 2 Behavior Analyses
- On-Board Storage, Up to 128GB
- IP67 Full Weatherproof Rating

**Camera**

- Image Sensor: 1/2.5" Progressive Scan CMOS
- Min. Illumination: Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F3.0, AGC ON), 0 lux with IR
- Shutter Speed: 1/5 s to 1/300,000 s
- Slow Shutter: Yes
- Auto-Iris: No
- Day & Night: IR Cut filter
- Digital Noise Reduction: 3D DNR
- WDR: 120dB
- 3-Axis Adjustment: Pan: 0° to 360°, Tilt: 0° to 75°, rotate: 0° to 360°

**Lens**

- Focal Length: 2.8/4/6/8 mm
- Aperture: F2.0
- Focus: Auto
- FOV: 2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124°
- 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95°
- 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°
- 8 mm, horizontal FOV: 41°, vertical FOV: 25°, diagonal FOV: 53°
- Lens Mount: M12
- IR: Up to 30m
- Wavelength: 850nm

**Compression Standard**

- Video Compression: Mainstream: H.265/H.264
- Sub-Stream: H.265/H.264/MJPEG
- Third Stream: H.265/H.264

**H.265 Type**

- Main Profile/High Profile
- Main stream supports
- Main Profile
- Main stream supports

**Video Bit Rate**

- 32 Kbps to 256 Kbps

**Smart Feature-set**

- Behavior Analysts: Line crossing detection, intrusion detection
- Face Detection: Yes
- Region of Interest: Support 1 fixed region for main stream and sub-stream

**Image**

- Max. Resolution: 3840 x 2160
- Main-Stream:
  - 50Hz: 12.5 fps (3840 x 2160), 20fps (3072 x 1728), 25fps (2560 x 1440, 1920 x 1080, 1280 x 720)
  - 60Hz: 15 fps (3840 x 2160), 20fps (3072 x 1728), 30fps (2560 x 1440, 1920 x 1080, 1280 x 720)
- Sub-Stream:
  - 50Hz: 25fps (640 x 480, 640 x 360, 320 x 240)
  - 60Hz: 30fps (640 x 480, 640 x 360, 320 x 240)
- Third Stream:
  - 50Hz: 25fps (1280 x 720, 640 x 360, 352 x 288)
  - 60Hz: 30fps (1280 x 720, 640 x 360, 352 x 288)
- Image Enhancement: BLC/3D DNR
- Image Settings: Rotate, saturation, brightness, contrast, sharpness adjustable by client software or web browser
- Target Cropping: No
- Day/Night Switch: Day/Night/Auto/Schedule

**Network**

- Network Storage: Support Micro SD/SDHC/SDXC card (128GB), local storage and NAS (NFS, SMB/CIFS), ANR
- Alarm Trigger: Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
- Protocols: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RDP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, SIP, QoS, IPv6, Bonjour
- General Function: One-key reset, anti-Ricker, three streams, heartbeat, mirror, password protection, privacy mask, watermarks, IP address filter
- AIF: ON/Off (PROFILE 5, PROFILE G, ISAPI)
- Simultaneous Live View: Up to 6 channels
- User/Host: Up to 12 users
- 3 levels: Administrator, Operator and User
- Client: IVMS-4200, Hik-Connect, iVMS-5200
- Web browser: IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

**Interface**

- Video Output: No
- Communication Interface: 1 RJ45 10M/100M self-adaptive Ethernet port
- On-board Storage: Built-in microSD/SDHC/SDXC slot, up to 128 GB
- SVC: H.264 and H.265 encoding support
- Reset Button: Yes

**General**

- Operating Conditions: -30°C to +60°C (-22°F to +140°F), Humidity 95% or less (non-condensing)
- Power Supply: 12 VDC ± 25%, Ø 5.5mm coaxial power plug, PoE(802.3af, class 3)
- Power Consumption and Current: 12 VDC, 0.5 A, max. 6.0 W
- PoE: (802.3af, 12V to 57V), 0.3 A to 0.2 A, max. 7.5 W
- Protection Level: IP67
- Material: Metal
- Dimensions: Camera: Ø 127.3 x 95.9 mm (5" x 3.8"")
- Package: 150 x 150 x 141 mm (5.9" x 5.9" x 5.5")
- Weight: Camera: 620 g (1.4 lb)

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