TPC-4KH8-DMVF
4K (8MP) ULTRA HD WDR MOTORIZED VARI-FOCAL DOME IP SECURITY CAMERA 2.8-12MM

MAIN FEATURES

4K Ultra HD Resolution
Max. 3840 x 2160 @ 20FPS

1/2.5" Progressive Scan CMOS

2.8-12mm Motorized Vari-Focal Lens

Field of View:
Horizontal: 115° to 35°
Vertical: 60° to 19°
Diagonal: 146° to 38.5°

H.265, H.265+

120dB Wide Dynamic Range

DC12V & PoE (802.3AF)

Up to 30m IR Distance

3-Axis Adjustment

On-Board Storage, Up to 128GB

IP67 Full Weatherproof Rating

IK10 Vandal-Proof Rating

Camera

Image Sensor: 1/2.5" Progressive Scan CMOS

Min. Illumination:
Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR

Shutter Speed: 1/3 s to 1/300,000 s

Slow Shutter: Support

Day & Night: IR Cut Filter

Digital Noise Reduction: 3D DNR

WDR: 120dB

3-Axis Adjustment:
Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°

Lens:

Focal length: 2.8 to 12 mm

Aperture: F1.4

FOV:
Horizontal field of view: 115° to 35°
Vertical field of view: 60° to 19°
Diagonal field of view: 146° to 38.5°

Lens Mount: Ø14

IR:

IR Range: Up to 30 m

Wavelength: 850nm

Compression Standard:

Main Stream: H.265/H.264/H.265+/H.264+

Video Bit Rate: 32 Kbps to 16 Mbps

Audio Compression:
G.711/G.722.1/L.726/MP412/PCM

Smart Feature set:

Behavior Analysis: Line crossing detection, intrusion detection, unattended luggage detection, object removal detection

Face Detection: Support

Region of Interest: Support 1 fixed region for main stream and sub stream

Image:

Max. Resolution: 3840 x 2160

Main Stream:
50Hz: 20 fps (3840 x 2160), 25 fps (2944 x 1856, 2560 x 1440, 1920 x 1080, 1280 x 720)
60Hz: 20 fps (3840 x 2160), 30 fps (2944 x 1856, 2560 x 1440, 1920 x 1080, 1280 x 720)

Sub Stream:
50Hz: 25 fps (640 x 480, 352 x 288)
60Hz: 30 fps (640 x 480, 352 x 288)

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 Setting: Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser

Day/Night Switch: Auto/Schedule/Triggered by Alarm In

Network:

Network Storage: Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS, SMB/CIFS), ANR

Alarm Trigger: Motion detection, video tampering, network disconnected, IP address conflict, illegal logon, HDD full, HDD error, Alarm input, Alarm output

Protocols: TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, SMTP, RTSP, RTP, RTMP, PPPOE, NTP, UDP, HTTP, SMP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour

General Function:
One-key reset, anti-flicker, three streams, heartbeat, password protection, privacy mask, watermark, IP address filter

API: ONVIF (PROFILE S, PROFILE G), ISAPI

Simultaneous Live View: Up to 6 channels

User/Host:
Up to 32 users

Levels: Administrator, Operator and User

Client: IVMS-4200, Hik-Connect, iVMS-5200

Web Browser: IE8+, Chrome 31.0.44, Firefox 30.0-52, Safari 8.0+

Audio:

Input mode: line in (3.5 mm), 1 output (3.5 mm), mono sound

Communication interface: 1 RJ45 10M/100M self-adaptive Ethernet port

Alarm: 1 input, 1 output (max. 12 VDC, 30 mA)

Video Output: 1Vp-p composite output (75 0.33NC)

On-board storage: Built-in Micro SD/SDHC/SDXC slot, up to 128 GB

SVC: Support H.264 and H.265 encoding

Reset Button: Support

Environment Noise Filtering: Support

Audio Sampling Rate: 8KHz/16KHz/32KHz/44.1KHz/48KHz

Operating Conditions:
- Operating temperature: -10°C to +55°C (14°F to 131°F), non-condensing

Power Supply:
- 12 VDC ± 5%, PoE (802.3at)

Power Consumption:
- 12 VDC: 0.05A, max. 1.1W
- PoE (802.3at): 36V to 57V, 0.35A to 0.22A, max. 12.5W

Protection Level: IP67, IK10

Material: Metal

Dimensions: Ø155.8 mm x 145.5 mm (6.13" x 5.73")

Weight: 1.2 kg (2.64 lb)

Camera: Approx. 1060 g (2.34 lb)

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