HILTRON security

· Max 30fps@4MP
· HD and SD output switchable
· 2.7-12mm motorized lens
· Built-in mic(-A)
· Max. IR length 60m, Smart IR
· IP67, DC12V

MOTORIZZATA

4 Mp | IR 60 m | DC 12 V | IP67

THC2KVMHDB
4MP HDCVI IR Bullet Camera

Funzioni

4 Signals over 1 Coaxial Cable
HDCVI technology supports 4 signals to be transmitted over 1 coaxial cable simultaneously, i.e. video, audio*, data and power. Dual-way data transmission allows the HDCVI camera to interact with the XVR, such as sending control signal or triggering alarm. Moreover, HDCVI technology supports PoC for construction flexibility.
* Audio input is available for some models of HDCVI cameras.

Long Distance Transmission
HDCVI technology guarantees real-time transmission at long distance without any loss. It supports up to 700 m for 4MP HD video via coaxial cable, and up to 300 m via UTP cable.*
*Actual results verified by real-scene testing in test laboratory.

Simplicity
HDCVI technology inherits the born feature of simplicity from traditional analog surveillance system, making itself a best choice for investment protection. HDCVI system can seamlessly upgrade the traditional analog system without replacing existing coaxial cabling. The plug and play approach enables full HD video surveillance without the hassle of con- figuring a network.

Smart IR
The camera is designed with IR LED illumination for best lowlight perfor- mance. Smart IR is a technology to ensure brightness uniformity in B/W image under low illumination. Smart IR adjusts to the intensity of camera's infrared LEDs to compensate for the distance of an object, and prevents IR LEDs from overexposing images as the object come closer to the camera.

Multi-formats
The camera supports multiple video formats including HDCVI, CVBS and other two common HD analog formats in the market. The four formats can be switched over through OSD menu or by PFM820(UTC controller). This feature makes the camera to be compatible with most end users' existing HD/SD DVRs.

Multi-language OSD
OSD menu provides multiple image adjustments and function settings to meet the requirements of different monitoring scenes. The OSD menu includes configurations such as backlight mode, day/night, white balance, privacy mask and motion detect. The camera supports 11 languages for OSD menu, namely, Chinese, English, French, German, Spanish, Portuguese, Italian, Japanese, Korean, Russian and Polish.

Protection
The camera's outstanding reliability is unsurpassed due to its rugged de- sign. The camera is protected against water and dust with IP67 ranking, making it suitable for indoor or outdoor environments.
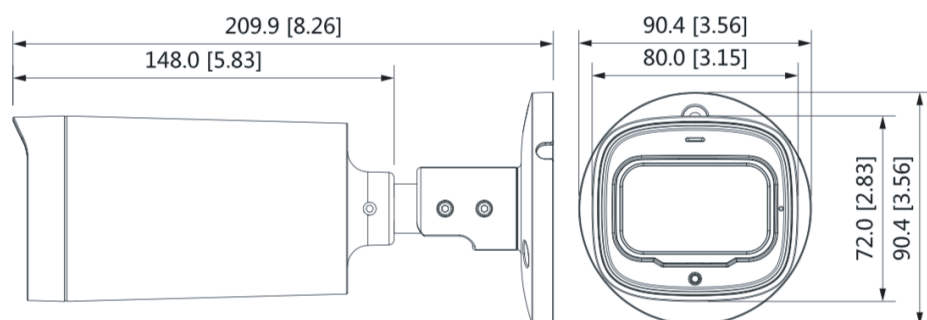With working temperature range of-30 °C to +60 °C (-22 °F to +140 °F), the camera is designed for extreme temperature environments. Supporting ±30% input voltage tolerance, this camera suits even the most unstable power supply conditions. Its 4KV lightning rating provides protection against the camera and its structure from the effects of lightning.

Caratteristiche tecniche

Camera

Image Sensor	1/2.7 inch CMOS
Effective Pixels	2560(H)×1440(V), 4MP
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25s–1/100000s NTSC: 1/30s–1/100000s
S/N Ratio	> 65 dB
Minimum Illumination	0.02Lux/F1.7, 30IRE, 0Lux IR on
Fill Light Working Distance	60 m (196.9 ft)
IR On/Off Control	Auto; manual
IR LED Number	4

Lens	
Lens Type	Motorized vari-focal
Auto Focus	N/A
Mount Type	φ14
Focal Length	2.7 mm-12 mm
Max. Aperture	F1.7
Iris Type	Fixed iris
Close Focus Distance	0.8m (2.6 ft)
Field of View	Diagonal: 38°– 127° Field of View Horizontal: 33°–106° Vertical: 19°– 56°
Close Focus Distance	0.8m (2.6 ft)
Video	
Frame Rate	CVI: PAL: 4M@25fps; 1080P@25fps; NTSC: 4M@30fps; 1080P@30fps AHD: PAL: 4M@25fps; NTSC: 4M@30fps TVI: PAL: 4M@25fps; NTSC: 4M@30fps CVBS: PAL: 960H; NTSC: 960H
Resolution	4M (2560 × 1440); 1080P (1920 × 1080); 960 H (960 × 576/960 × 480)
Day/Night	Auto switch by ICR
BLC	BLC/HLC/DWDR
WDR	DWDR
White Balance	Auto; manual
Gain Control	Auto; manual
Noise Reduction	2D NR
Smart IR	yes
Electronic Defog	yes
Mirror	off/on
Privacy Masking	off/on(8 area, rectangle)
Certification	
Certifications	CE (EN55032:2015, EN 61000-3-2:2014, EN 61000- 3-3:2013, EN55024:2010+A1:2015, EN 55035:2017, EN50130-4:2011+A1:2014)
	FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014) UL (UL60950-1+CAN/CSA C22.2 No.60950-1)
Port	
Audio Output	One channel built-in mic (-A)
VideoOutput	Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Power	
Power Supply	12V ±30% DC
Power Consumption	Max 9.5W (12V DC, IR on)
Environment	
Operating Temperature	-30°C to +60°C (-22°F to 140°F);<95% (non- condensation)
Storage Temperature	-30°C to +60°C (-22°F to 140°F);<95% (non- condensation)
Protection Grade	IP67
Structure	
Casing	Mental throughout the whole casing
Camera Dimensions	209.9 mm × 90.4 mm × 90.4 mm (8.26" × 3.56" × 3.56")
Net Weight	0.55 Kg (1.21 lb)
Gross Weight	0.7 Kg (1.54 lb)

209.9 [8.26]
148.0 [5.83]

90.4 [3.56]
80.0 [3.15]

72.0 [2.83]
90.4 [3.56]