

4MP WILDLIFE NETWORK CAMERA

SECURING YOUR LIFE

TB-BO5-H4801FBI/4G

Product Image Dimensions

- Dimensions: 283.3 × 139.7 × 86.7 mm (antennas extending)
- Weight: 0.63 kg (1.39 lb.)
- Power: 6 to 15 VDC
- Battery Voltage: 7.2 VDC
- Battery Life: more than 125 cycles
- Operating Conditions: -20 °C to 60°C (-4 °F to 140 °F)

Features

- 1/3" progressive scan CMOS dual channel
- Max. 4MP(2688 × 1520) @25/30fps resolution
- 2.8mm fixed lens (4mm optional)
- Standalone built-in battery
- H.265/H.264/MJPEG codec
- WDR (120dB), BLC, HLC, 3D DNR, Defog
- Support 4G communication
- Supports GPS positioning
- Built-in SD card slot
- Built-in microphone
- IR distance up to 15m
- IP67



ONVIF®



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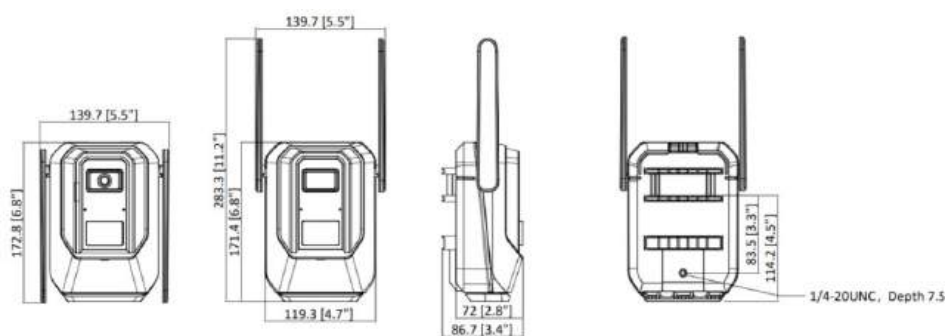
Specifications

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2688 × 1520
Min. Illumination	Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR
Shutter Time	1 s to 1/100,000 s
Day & Night	IR cut filter
Lens	
Focal Length & FOV	2.8 mm, horizontal FOV 103.6°, vertical FOV 57.2°, diagonal FOV 121.6° 4 mm, horizontal FOV 81.1°, vertical FOV 48.6°, diagonal FOV 90.6°
Aperture	F1.6
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 15 m
Smart Supplement Light	Yes
Video and Audio	
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Video Compression	Main stream: H.265
Video Bit Rate	32 Kbps to 8 Mbps
H.265 Type	Baseline Profile, Main Profile, High Profile
Bit Rate Control	CBR, VBR
Scalable Video Coding (SVC)	H.265
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Environment Noise Filtering	Yes
Network	
Simultaneous Live View	Up to 6 channels
Protocols	TCP/IP, IPv6, DDNS, RTSP, HTTPS, HTTP, FTP, QoS, Bonjour, SNMP, WebSocket, WebSockets
API	ONVIF (profile S/G/T), SDK, Open-ended API
User/Host	Up to 32 users, 3 user levels: administrator, operator, and user
Network Storage	Auto Network Replenishment (ANR), Together with high-end Hikvision memory card, memory card encryption and health detection are supported.

Web Browser	Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Local service: Chrome 57.0+, Firefox 52.0+, Safari 13+, Edge 89+
Mobile Communication	
Mobile Communication Type	4G
Frequency	4G model: LTE-TDD Band 38/40/41 LTE-FDD Band 1/3/5/7/8/20/28 WCDMA Band 1/5/8 GSM 850/900/1800MHz 4G LA model : LTE-TDD Band 38/40 LTE-FDD Band 1/2/3/4/5/7/8/28/66 WCDMA Band 1/2/3/4/5/8 GSM 850/900/1800/1900MHz
Standard	LTE-TDD/LTE-FDD/WCDMA/GSM
Image	
Image Parameters Switch	Yes
Image Settings	Saturation, brightness, contrast, sharpness ,AGC, white balance, adjustable by client software or web browser
Day/Night Switch	Day, night, auto, scheduled-switch
Wide Dynamic Range (WDR)	120 dB
SNR	> 52dB
Image Enhancement	BLC, HCL, Defog, 3D DNR
Transducer	
Transducer Type	PIR
Detection Range	Up to 15 m
Detection Angle	2.8 mm: Horizontal: $90^{\circ} \pm 5^{\circ}$, vertical: $25^{\circ} \pm 5^{\circ}$; 4 mm: Horizontal: $50^{\circ} \pm 5^{\circ}$, vertical: $20^{\circ} \pm 5^{\circ}$
Satellite Positioning	
Satellite Positioning Detection	Support GPS and searching longitude and latitude of the device
Interface	
Built-in Microphone	Yes
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Ethernet Interface	1 six-core 1.25 mm interface (it can be transferred as 1 12 VDC coaxial interface and 1 RJ 45 10 m/100 m self-adaptive Ethernet port)
Reset Key	Yes
Event	
Basic Event	Exception,PIR Alarm
Linkage	Upload to FTP/NAS/memory card,notify surveillance center,send email,trigger recording

General	
Power	6 to 15 VDC, 1.03 to 0.73 A, max. 6.2 W
General Function	Heartbeat, one-key reset, anti-banding, password protection, watermark, IP address filter
Material	Plastic
Dimension	Antennas folded: 172.8 mm × 139.7 mm × 86.7 mm (6.8" × 5.5" × 3.4"), Antennas extending: 283.3 mm × 139.7 mm × 86.7 mm (11.2" × 5.5" × 3.4")
Language	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
Package Dimension	260 mm × 217 mm × 241 mm (10.2" × 8.5" × 9.5")
Weight	Approx. 0.63 kg (1.39 lb.)
With Package Weight	C1: approx. 1.588 kg (3.5 lb.), C2: approx. 1.848 kg (4.07 lb.)
Storage Conditions	-20 °C to 60 °C (-4 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-20 °C to 60 °C (-4 °F to 140 °F). Humidity 95% or less (non-condensing)
Protection	IP67
Battery	
Battery Type	Chargeable lithium battery or 5AA dry cell
Battery Voltage	Rated voltage: 7.2 VDC Charging voltage: 8.4 VDC Discharging cut-off voltage: 5.6 VDC
Capacity	9.4 Ah
Operating Temperature	-20 °C to 60°C (-4 °F to 140 °F)
Cycle Lifetime	Cycle lifetime is calculated under the condition that the camera captures pictures 10 times per day (9 times during the day and 1 time at night), uploads once per day, and keeps alive for 3 hours per day with the ambient temperature at 25 °C (77 °F). Cycle lifetime: 125 days Make sure the battery is fully charged before using the device.

Dimensions (mm)



Specifications subject to change without notice.