

HAC Camera Bullet-1511P

5MP Smart Dual Light HDCVI Fixed-focal Bullet Camera



* The parameters and datasheets below can only be applied to 1500-IL series.

* In order to use the 5MP 16:9 and the Smart Dual Light HDCVI camera, the firmware of XVR must be upgraded to V4.001.0000004.1.R.220323 or later version.

- Max 25 fps@5MP (16:9 video output).
- Smart Dual Light.
- 20 m illumination distance.
- Super Adapt.
- Built-in MIC.
- 3.6 mm fixed lens (2.8 mm optional).
- CVI/CVBS/AHD/TVI switchable.
- IP67, 12 VDC.

System Overview

This camera is a great choice for consumers looking for high quality monitoring products at a reasonable price. Its low cost and high performance make it ideal for residential areas and SMB solutions. This series is equipped with a wide range of technologies, such as full-color and starlight, providing various solutions for different scenarios.

Functions

Broadcast-quality Audio

Audio signal transmission over coaxial cables is supported by the HDCVI camera. It adopts a unique audio processing and transmission technology that restores source audio and eliminates noise, ensuring the quality and reliability of the audio information that is collected. This becomes important for video surveillance applications that use audio information as a type of supplementary evidence.

Smart Dual Light

With its smart dual light mechanism, the camera automatically turns on the white light when Perimeter Protection/SMD Plus function of AI XVR detects a target in the rule area to capture clear, vivid images. When the target leaves the rule area, the camera automatically switches over from the white light to the IR light to significantly reduce light pollution.

Super Adapt

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Protection (IP67, Wide Voltage)

IP67: The camera passed a series of rigorous dust and immersion tests. Its enclosure is both dust-proof and waterproof, and can function normally while being immersed in 1 m deep water for up to 30 minutes. **Wide voltage:** The camera has $\pm 30\%$ input voltage tolerance (for some power supplies) and a wide voltage range, making it suitable for a variety of outdoor scenarios.



4 Signals over 1 Coaxial Cable

HDCVI technology supports 4 signals (video, audio*, data and power) which are simultaneously transmitted over a coaxial cable. Dual-way data transmission allows the HDCVI camera to interact with the XVR to perform various actions such as sending control signals and triggering alarms. HDCVI technology also supports PoC, which makes the camera easy and quick to install.

* Audio input is available for select HDCVI camera models.

Long Distance Transmission

HDCVI technology provides long distance transmission in real time without transmission loss. It supports transmission distances up to 700 m for 2-MP/5-MP/8-MP HD videos through coaxial cables, and up to 300 m through UTP cables. The results were obtained and verified through rigorous testing.

Simplicity

HDCVI technology inherits the simplicity of traditional analog surveillance systems, making it a great mechanism for protecting your valuables. HDCVI can be upgraded from the traditional analog system without replacing the existing coaxial cabling. Its plug and play design enables it to produce high-definition videos during surveillance without the hassle of configuring a network.

Multi-language OSD

The OSD offers multiple functions to meet the many requirements of a monitoring scene, such as backlight mode, day/night mode, white balance, privacy mask, and motion detection. 11 languages are available for OSD: Chinese, English, French, German, Spanish, Portuguese, Italian, Japanese, Korean, Russian and Polish.

DGT-Bullet-1511P-AN-1511-B5MP-F-IRL-C-M-IP67-P


Technical Specification					
Camera					
Image Sensor		5 MP CMOS			
Max. Resolution		2880 (H) × 1620 (V)			
Scanning System		Progressive			
Electronic Shutter Speed		PAL: 1/25 s–1/100000 s NTSC: 1/30 s–1/100000 s			
Min. Illumination		0.05 lux@F1.6 (Color, 30 IRE) 0.005 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)			
S/N Ratio		>65 dB			
Illumination Distance		IR: 20 m (65.62 ft) Warm Light: 20 m (65.62 ft)			
Illuminator On/Off Control		Auto/Manual			
Illuminator Number		2 (Warm light);2 (IR light)			
Angle Adjustment		Pan: 0°–360° Tilt: 0°–90° Rotation: 0°–360°			
Lens					
Lens Type		Fixed-focal			
Lens Mount		M12			
Focal Length		2.8 mm; 3.6 mm			
Max. Aperture		F1.6			
Field of View		2.8 mm: H: 106°; V: 56°; D: 125° 3.6 mm: H: 92°; V: 48°; D: 109°			
Iris Control		Fixed			
Close Focus Distance		2.8 mm: 0.8 m (2.62 ft) 3.6 mm: 1.3 m (4.27 ft)			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	56 m (183.73 ft)	22.4 m (73.49 ft)	11.2 m (36.75 ft)	5.6 m (18.37 ft)
	3.6 mm	76 m (249.34 ft)	30.4 m (99.74 ft)	15.2 m (49.87 ft)	7.6 m (24.93 ft)
	*DORI (Detect, Observe, Recognize, Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances. For intelligent function distances, refer to installation and commissioning manual/project design tool.				
Video					
Video Frame Rate		CVI: PAL: 5M@25 fps; 4M@25 fps; 1080p@25 fps NTSC: 5M@25 fps; 4M@30 fps; 1080p@30 fps AHD: PAL: 4M@25 fps; NTSC: 4M@30 fps TVI: PAL: 4M@25 fps; NTSC: 4M@30 fps CVBS: PAL: 960H; NTSC: 960H			
Resolution		5M (2880 × 1620); 4M (2560 × 1440); 1080p (1920 × 1080); 960H (960 × 576/960 × 480)			
Day/Night		Auto(ICR)/Color/B/W			

BLC		BLC; HLC; DWDR;
WDR		DWDR
White Balance		Auto; Area white balance
Gain Control		Auto/Manual
Noise Reduction		2D NR
Illumination Mode		Smart IR&WL; WL Mode; IR Mode
Mirror		Yes
Privacy Masking		Off/On (8 areas, rectangle)
Certification		
Certifications		CE-LVD: EN 62368-1; CE-EMC: EN 55032; EN 55035; FCC: 47 CFR FCC Part 15, Subpart B
Port		
Video Output		Video output choices of CVI/TVI/AHD/CVBS by one BNC port
Audio Input		1-channel built-in MIC
Power		
Power Supply		12 VDC ± 30%
Power Consumption		Max 4.5 W (12 VDC, WLED on)
Environment		
Operating Temperature		−40 °C to +60 °C (−40 °F to +140 °F)
Operating Humidity		<95% (RH), non-condensing
Storage Temperature		−40 °C to +60 °C (−40 °F to +140 °F)
Storage Humidity		<95% (RH), non-condensing
Protection		IP67
Structure		
Casing Material		Plastic
Product Dimensions		163.4 mm × 69.7 mm × 70 mm (6.43" × 2.74" × 2.76")
Net Weight		0.19 kg (0.42 lb)
Gross Weight		0.27 kg (0.60 lb)
Installation		Wall mount; ceiling mount; vertical pole mount


Ordering Information		
Type	Model	Description
5M Camera	DGT-Bullet-1511P -AN-1511-B5MP-F-IRL-C-M-IP67-P	5MP Smart Dual Light HDCVI Fixed-focal Bullet Camera, PAL
	DGT-Bullet-1511P -AN-1511-B5MP-F-IRL-C-M-IP67-P	5MP Smart Dual Light HDCVI Fixed-focal Bullet Camera, NTSC
Accessories (Optional)		Junction Box
		Water-proof Junction Box
		Pole Mount Bracket
		1-CH Passive Video Balun
		12V 1A Power Adapter
		Integrated Mount Tester

Accessories


Optional:




Junction Box




Water-proof Junction Box




Pole Mount Bracket



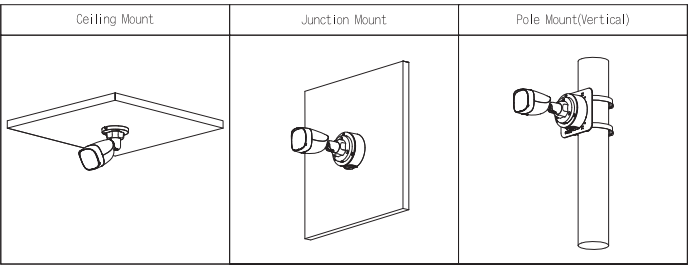
1 Channel Passive HDCVI Balun



12V 1A Power Adapter



Integrated Mount Tester



Dimensions (mm [inch])

