

D-Series

HiView 2MP Turret Dual Light Audio

T1240CLQP-IL-A

- **Max. 30 fps@1080p.**
- **3D NR.**
- **Smart Dual Light.**
- **20 m illumination distance.**
- **Super Adapt.**
- **Built-in mic.**
- **Quick-to-install eyeball saves installation time.**
- **3.6 mm fixed lens (2.8 mm optional).**
- **CVI/CVBS/AHD/TVI switchable.**
- **IP67, 12 VDC.**



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.

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 in Dahua's test laboratory.

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.

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.

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.

Easy Installation

HDCVI eyeball comes with a quick-to-install pedestal, which makes it easier to install than conventional eyeballs and reduces cost on time and labor.

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.

Super Adapt

With its intelligent algorithm, the camera automatically adjusts its parameters to provide optimal performance and vivid images.

Advanced 3DNR

Hiview's advanced 3DNR technology reduces image noise with little to no impact on image sharpness, especially in poor lighting conditions. It detects the noise, and compares the sequential frames to effectively reduce the noise. It also makes efficient use of bandwidth, saving on storage space.

Technical Specification										
Camera										
Image Sensor		2 MP CMOS								
Max. Resolution		1920 (H) × 1080 (V)								
Scanning System										
Electronic Shutter Speed		PAL: 1/25 s–1/100000 s NTSC: 1/30 s–1/100000 s								
Min. Illumination		0.01 lux@F2.0 (Color, 30 IRE) 0.001 lux@F2.0 (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										
Illuminator Number		2 (Warm light); 2 (IR light)								
Angle Adjustment		Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°								
Lens										
Lens Type		Fixed-focal								
Auto Focus		No								
Lens Mount		M12								
Focal Length		2.8 mm; 3.6 mm								
Max. Aperture		F2.0								
Field of View		2.8 mm: H: 102°; V: 60°; D: 129° 3.6 mm: H: 83°; V: 48°; D: 105°								
Iris Control		Fixed								
Close Focus Distance		2.8 mm: 0.5 m (1.64 ft) 3.6 mm: 0.7 m (2.30 ft)								
DORI Distance	Lens	Detect	Observe	Recognize	Identify					
		41.1 m (135.83 ft)	16.5 m (42.13 ft)	8.3 m (27.23 ft)	4.1 m (13.45 ft)					
		50.9 m (166.99 ft)	20.3 m (66.60 ft)	10.2 m (33.46 ft)	5.1 m (16.73 ft)					
Video										
Video Frame Rate		CVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; AHD: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; TVI: PAL: 1080p@25 fps; NTSC: 1080p@30 fps; CVBS: PAL: 960H; NTSC: 960H								
Resolution		1080p (1920 × 1080); 960H (960 × 576/960 × 480)								
Day/Night		Auto(ICR)/Color/B/W								
BLC		BLC; HLC; DWDR								
WDR		DWDR								
Dimensions (mm [inch])										