

Dahua DH-HAC-HDW1200CLQP-IL-A

2MP Smart Dual Light HDCVI Fixed-focal Eyeball Camera - Datasheet By Connect Gates

Product Overview

- Dahua DH-HAC-HDW1200CLQP-IL-A is a 2MP Smart Dual Light HDCVI fixed-focal eyeball camera designed for cost-effective HD analog CCTV systems.
- The camera provides 1080P high-quality imaging with Smart Dual Light technology and built-in microphone for audio over coaxial cable.
- It supports CVI / TVI / AHD / CVBS switchable output through one BNC port, making it compatible with Dahua XVR and multi-format DVR/XVR systems.
- IP67 protection and wide operating temperature make it suitable for indoor, outdoor, and semi-outdoor surveillance installations.

Key Features

- 2MP HDCVI fixed-focal eyeball camera
- High-quality 1080P resolution up to 30 fps
- Smart Dual Light with IR and warm light modes
- 20 m illumination distance
- Built-in microphone
- 3D NR, DWDR and Super Adapt
- Quick-to-install eyeball design
- CVI / TVI / AHD / CVBS switchable output
- 2.8 mm / 3.6 mm fixed lens options
- IP67 protection rating
- 12 VDC power supply

Technical Specifications

Parameter	Specification
Brand	Dahua
Model	DH-HAC-HDW1200CLQP-IL-A
Camera Type	2MP Smart Dual Light HDCVI Fixed-focal Eyeball Camera
Image Sensor	2 MP CMOS
Max Resolution	1920 × 1080
Scanning System	Progressive
Min. Illumination	0.01 lux @ F2.0 Color, 0.001 lux @ F2.0 B/W, 0 lux with illuminator on
Illumination Distance	IR: 20 m, Warm light: 20 m
Lens	Fixed-focal, 2.8 mm / 3.6 mm
Field of View	2.8 mm: H 102°, V 60°, D 129°; 3.6 mm: H 83°, V 48°, D 105°
Video Frame Rate	PAL: 1080P @ 25 fps; NTSC: 1080P @ 30 fps
Video Output	CVI / TVI / AHD / CVBS by one BNC port
Image Enhancement	BLC / HLC / DWDR / 3D NR / Super Adapt
Audio	1-channel built-in microphone
Power Supply	12 VDC ±30%
Power Consumption	Max 2.6 W
Operating Temperature	-40 °C to +60 °C
Protection	IP67
Casing Material	Plastic
Dimensions	Φ97.1 × 93.8 mm
Net Weight	0.18 kg
Installation	Wall / Ceiling / Vertical pole mount

Applications

- Retail shops and showrooms
- Offices and reception areas
- Villas and residential buildings
- Building entrances and outdoor fronts
- Corridors and semi-outdoor areas
- Small warehouses and storage rooms
- Sites requiring audio evidence
- HD analog system upgrades using existing coaxial cable

Connect Gates Recommendation

- Recommended for cost-effective 2MP HDCVI installations requiring Smart Dual Light and built-in audio.
- Suitable for shops, offices, villas, entrances, corridors, and small outdoor monitoring points.
- Best used with compatible Dahua XVR recorders to support Smart Dual Light, audio over coaxial cable, and full HDCVI performance.

Note: This PDF is compiled for Connect Gates product identification and quotation support using Dahua official HAC-HDW1200CLQ-IL-A S6 family specifications. DH-HAC-HDW1200CLQP-IL-A is the PAL ordering model.