CP+

Enhancing Vision

CP-150D

8MP SMART AI HYBRID LIGHT PoE DOME CAMERA

Smart Surveillance. Intelligent Protection.



8MP Ultra HD Resolution
Crystal-clear surveillance with exceptional detail.

Full Color Night Vision
Provides vivid color images even in low-light conditions.

AI Human Detection
Accurate human detection with reduced false alarms.

Built-in Microphone & Speaker
Supports voice broadcast and audio monitoring.

PoE Technology
Single cable for power and network transmission.

H.265 Video Compression
Lower storage usage with high image quality.









www.cpluscctvsecurity.com | info@cpluscctvsecurity.com

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TECHNICAL SPECIFICATIONS



CAMERA

Image Sensor	1/2.9" Low Illumination CMOS Sensor
Min. Illumination	0.005 Lux Color / 0 Lux with IR
Shutter Time	Auto Shutter (1/5 – 1/100000)
Day & Night	Auto (ICR)
Backlight Compensation	BLC / HLC / DWDR
White Balance	Auto / Manual
Gain Control	Auto
Noise Reduction	3D DNR
Privacy Mask	Up to 4 Areas

LENS

Lens Type	3.6mm Fixed Lens
Aperture	F1.6 Aperture
Lens Mount	M12
Field of View	Horizontal: 87° / Vertical: 46°

ILLUMINATOR

Warm Light Distance	25m
IR Light Distance	35m
Hybrid LEDs	4 Hybrid LEDs
Light Mode	Smart Hybrid Light

VIDEO

Max. Resolution	8MP (3840×2160) @20fps
Video Compression	H.265 / H.264
Video Bitrate	16Kbps–4000Kbps
Frame Rate	Main Stream: 8MP@20fps Sub Stream: D1 / VGA / 720P @25fps
WDR	Digital WDR
Noise Reduction	3D DNR
Image Settings	Brightness / Contrast / Saturation / Sharpness / Hue adjustable
Mirror / Flip	Horizontal / Vertical / 180°
OSD	Multi-line OSD (Date, Time, Title, etc.)

AUDIO

Microphone	Built-in Microphone
Speaker	Built-in Speaker
Audio Compression	G.711U/A
Audio Feature	Two-way Audio / Voice Broadcast

NETWORK

Network Interface	RJ45 10/100M
Protocols	TCP/IP, HTTP, HTTPS, UDP, RTSP, DDNS, DHCP, NTP, SMTP
Compatibility	ONVIF
Web Access	HTML5 Remote Access
Simultaneous Live View	Up to 2 Users
Security	Password Protection, HTTPS Encryption, IP Filter

POWER

Power Supply	DC12V ±10%
PoE Standard	IEEE802.3af PoE
Power Consumption	Max 6W
Surge Protection	6KV

INTERFACE

Audio Input	Built-in Microphone
Audio Output	Built-in Speaker
Network Port	1 RJ45 10/100M
Reset	Not Available

ENVIRONMENT

Housing	Metal & Plastic Housing
Working Temperature	-10°C to 50°C
Working Humidity	0–90% RH (Non-condensing)
Storage Temperature	-40°C to 60°C

AI Detection | Human Tracking | Hybrid Light | Audio Support | PoE Support | Remote View

* Product specifications and appearance are subject to change without notice.

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FEATURES & BENEFITS

Advanced Technology. Reliable Security.

1. 8MP Ultra HD Resolution

Crystal-clear images with exceptional detail.

2. Smart AI Human Detection

Accurate detection and reduced false alarms.

3. Human Tracking

Tracks moving human targets automatically.

4. Full Color Night Vision

Provides vivid nighttime surveillance.

5. Hybrid Light Technology

Automatically switches between IR and warm light.

6. Built-in Microphone

Captures synchronized audio.

7. Built-in Speaker

Supports voice broadcasting.

8. H.265 Compression

Saves storage and bandwidth.

9. PoE Technology

Single cable installation.

10. Smart IR

Balanced night illumination.

11. 3D DNR

Reduces image noise for clearer video quality.

12. Remote Viewing

Monitor your property from anywhere.













Reliable AI Surveillance | Intelligent Night Vision | Professional Security Solution

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