

PDE2L2W2-V2

2MP Eco IP Dome Camera



- 1/2.7" 2MP progressive CMOS
- H.265 & H.264 dual-stream encoding
- DWDR, Day/Night(ICR), 3DNR, HLC, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- IP67, PoE

System Overview

This turret style dome camera delivers 2MP resolution with a 2.8mm fixed lens. Equipped with 12 IRs, this camera allows you to see up to 98ft in complete darkness adjusting the intensity based on the proximity of the object/person its viewing. Space management isn't a problem, with H.265+ smart codec footage and bandwidth usage can be reduced up to 70 % when compared to previous compression methods.

Features

Smart Codec (H.265+ & H.264+)

Smart Codec technology is a collection of intelligent encoding algorithms based on H.265 & H.264. To meet the characteristics of video surveillance, Smart Codec adopts some key video encoding techniques can be flexibly added/deleted or combined according to different applications and products. Smart codec can effectively enhance video encoding efficiency according to the characteristics of different surveillance environments; furthermore, it can greatly reduce transmission bit rate, storage capacity to improve the overall system.

Intelligent Video Analysis (IVS)

IVS system provides advanced, accurate video analytic for both IP and analog cameras. The IVS engine can track, classify and analyze the behavior of individual or group of objects over long distance to greatly improve parameter security and monitoring efficiency.

Smart IR Technology

Smart IR is a technology built into some security cameras that adjusts the intensity of the camera's infrared LEDs to compensate for the distance of an object so that the infrared does not overexpose the object.

Image Flip

When choosing the placement for your camera it's nice to know that no matter where it's placed, a shelf, wall or ceiling you'll have easy access to viewing capabilities. Depending on what camera you are using and where it's being placed you may need to invert the camera video feed to make sure when you view the live feed everything is right side up.



Protection (IP67, wide voltage)

The camera allows for $\pm 25\%$ input voltage tolerance, suitable for the most unstable conditions for outdoor applications. Its 6KV lightning rating provides effective protection for both the camera and its structure against lightning. Subjected and certified to rigorous dust and immersion tests (IP67), the camera is the choice for installation in even the most unforgiving environments.

Environmental

This camera operates in extreme temperature environments, rated for use in temperatures from -30°C to $+60^{\circ}\text{C}$ (-22°F to $+140^{\circ}\text{F}$) with 95% humidity.

Technical Specification

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|--------------------------|--|--|--|--|--|
| Camera | | | | | |
| Image Sensor | 1/2.7" 2Megapixel progresive CMOS | | | | |
| Effective Pixels | 1920(H) x1080(V) | | | | |
| RAM/ROM | 256MB/32MB | | | | |
| Scanning System | Progressive | | | | |
| Electronic Shutter Speed | Auto/Manual, 1/3~1/100000s | | | | |
| Minimum Illumination | 0.08Lux/F2.0(Color,1/3s,30IRE) 0.3Lux/F2.0(Color,1/30s,30IRE) 0Lux/F2.0(IR on) | | | | |
| S/N Ratio | More than 50dB | | | | |
| IR Distance | Distance up to 30m(98ft) | | | | |
| IR On/Off Control | Auto/ Manual | | | | |
| IR LEDs | 12 | | | | |

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|----------------------|----------------------|-----------|----------|-----------|----------|
| Lens | | | | | |
| Lens Type | Fixed | | | | |
| Mount Type | Board-in | | | | |
| Focal Length | 2.8 mm | | | | |
| Max. Aperture | F2.0/F2.0 | | | | |
| Angle of View | H:104°/92°,V:55°/50° | | | | |
| Focus Control | Fixed | | | | |
| Close Focus Distance | 0.6m(0.9m) | | | | |
| DORI Distance | Lens | Detect | Observe | Recognize | Identify |
| | 2.8 mm | 40(131ft) | 16(52ft) | 8(26ft) | 4(13ft) |

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| PTZ | | | | | |
| Pan/Tilt Range | Pan:0° ~360° ;Tilt:0° ~90° ;Rotation:0° ~360 | | | | |

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|---------------|--|--|--|--|--|
| Intelligence | | | | | |
| Event Trigger | Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal access, Storage anomaly | | | | |
| IVS | Tripwire, Intrusion | | | | |

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|----------------------|--|--|--|--|--|
| Video | | | | | |
| Compression | H.265/H.264H/MJPEG(Sub Stream) | | | | |
| Smart Codec | Support H.265+/H.264+ | | | | |
| Streaming Capability | 2 Streams | | | | |
| Resolution | 1080P(1920×1080)/1.3M(1280×960)/720P(1280×720)/D1(704×576/704×480)/VGA(640×480)/CIF(352×288/352×240) | | | | |
| Frame Rate | Main Stream: 1080P(1 ~ 25/30fps) | | | | |
| | Sub Stream: D1(1 ~ 25/30fps) | | | | |
| Bit Rate Control | CBR/VBR | | | | |
| Bit Rate | H.265: 12K ~ 6400Kbps H.264: 32K ~ 10240Kbps | | | | |

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|--------------------|---|
| Day/Night | Auto(ICR) / Color / B/W |
| BLC Mode | BLC / HLC / DWDR |
| White Balance | Auto/Natural/Street Lamp/Outdoor/Manual |
| Gain Control | Auto/Manual |
| Noise Reduction | 3D DNR |
| Motion Detection | Off / On (4 Zone, Rectangle) |
| Region of Interest | Off / On (4 Zone) |
| Electronic Image | Support |
| Smart IR | Support |
| Digital Zoom | 16x |
| Flip | 0°/90°/180°/270° |
| Mirror | Off / On |
| Privacy Masking | Off / On (4 Area, Rectangle) |

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| Audio | |
| Compression | N/A |

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| Network | |
| Ethernet | RJ-45 (10/100Base-T) |
| Protocol | HTTP;HTTPS;TCP;ARP;RTSP;RTP;RTCP;UDP;SMTP;FTP;DHCP;DNS;DDNS;PPPoE;IPv4/v6;QoS;UPnP;NTP;Bonjour;IEEE 802.1x;Multicast;ICMP;IGMP;TLS |
| Interoperability | ONVIF Profile S&G, API |
| Streaming Method | Unicast / Multicast |
| Max. User Access | 10 Users / 20 Users |
| Edge Storage | NAS Local PC for instant recording |
| Web Viewer | IE, Chrome, Firefox, Safari |
| Management Software | Smart PSS, DSS, DMSS |
| Smart Phone | IOS, Android |

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|----------------|--|
| Certifications | |
| Certifications | CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B |

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|-----------------|-----|
| Interface | |
| Video Interface | N/A |
| Audio Interface | N/A |
| RS485 | N/A |
| Alarm | N/A |

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|-------------------|-------------------------------|
| Electrical | |
| Power Supply | DC12V, PoE (802.3af)(Class 0) |
| Power Consumption | <5.5W |

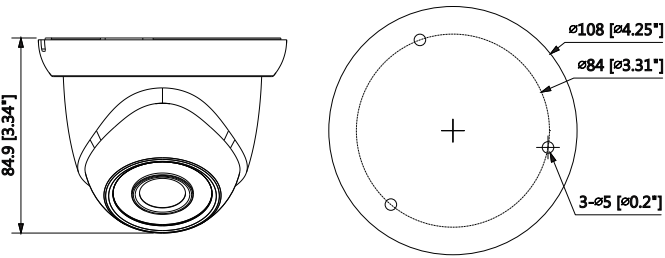
Environmental

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|----------------------|---|
| Operating Conditions | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH |
| Storage Conditions | -30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH |
| Ingress Protection | IP67 |
| Vandal Resistance | N/A |

Constructio

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|--------------|----------------------------|
| Casing | Metal+Plastic |
| Dimensions | Φ108mm×84.9mm(4.25"×3.15") |
| Net Weight | 0.23Kg(0.51lb) |
| Gross Weight | 0.387Kg(0.85lb) |

Dimensions (mm/inch)



Accessories

Optional:



JBEW-130
Junction Box



WEW-204W
Wall Mount



LEW-152E
Pole Mount

| Junction Mount JBEW-130 | Pole Mount WEW-204W + LEW-152E |
|----------------------------|-----------------------------------|
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| Wall Mount WEW-204W | |
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