

# 4K WDR Vandal-resistant Vari-focal Dome Network Camera

IPC3238ER3-DVZ



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98 ft) IR distance
- Up to 120 dB Optical WDR(Wide Dynamic Range)
- 2D/3D DNR (Digital Noise Reduction)

### Compression

- Ultra 265,H.265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- ROI (Region of Interest)
- 9:16 corridor mode
- Customized OSD

### Network

- ONVIF Conformance

## Structure

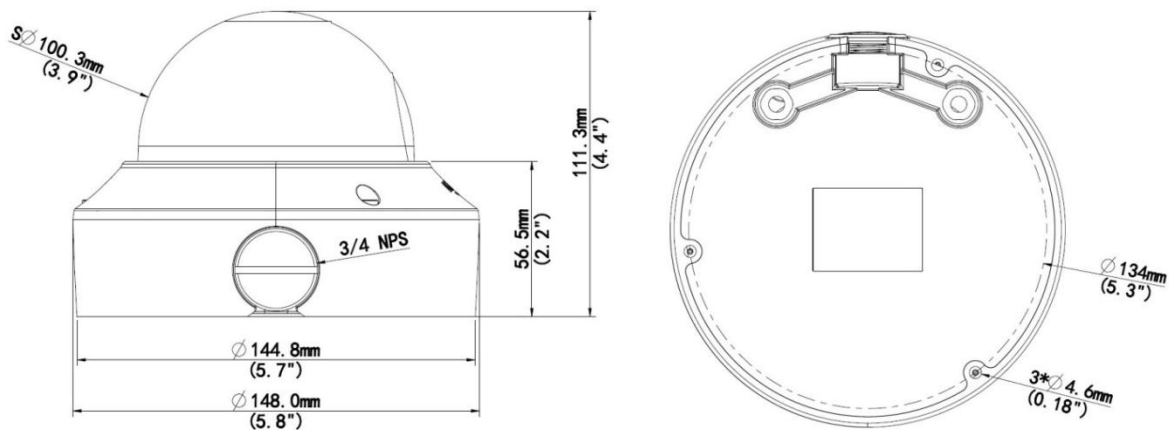
- Wide temperature range: -40°C to 60°C (-40°F to 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67

## Specifications

|                            |   |
|----------------------------|---|
|                            | IPC3238ER3-DVZ  |
| <b>Camera</b>              |   |
| Sensor                     | 1/2.5", progressive scan ,8.0 megapixel, CMOS   |
| Lens                       | 2.8~12 mm@F1.6  |
| Angle of View (H)          | 79.6° (wide) ~34.9° (tele)  |
| Shutter                    | Auto/Manual, 1/6~1/100000s  |
| Minimum Illumination       | Colour: 0.02 Lux (F1.6, AGC ON)<br>0Lux with IR   |
| IR Range                   | Smart-IR, up to 30m (98 ft) IR range  |
| Day/Night                  | IR-cut filter with auto switch (ICR)  |
| Digital noise reduction    | 2D/3D DNR   |
| S/N                        | >55dB   |
| WDR                        | 120dB   |
| <b>Video</b>               |   |
| Video Compression          | Ultra 265,H.265,H.264,MJPEG   |
| H.264 code profile         | Baseline profile, Main Profile, High Profile  |
| Frame Rate                 | Main Stream:8MP (3840×2160): Max. 30 fps, 2MP (1920×1080): Max. 30 fps;<br>Sub Stream:2MP (1920×1080): Max. 30 fps;<br>Third Stream:D1 (720×576): Max. 30 fps |
| HLC                        | Supported   |
| BLC                        | Supported   |
| 9:16 Corridor Mode         | Supported   |
| OSD                        | Up to 8 OSDs  |
| Privacy Mask               | Up to 8 areas   |
| ROI                        | Up to 8 areas   |
| Motion Detection           | Up to 4 areas   |
| <b>Smart</b>               |   |
| Behavior Detection         | Intrusion, cross line, motion detection   |
| Exception Detection        | Audio detection   |
| Intelligent Identification | Face detection, Defocus, Scene Change   |
| Statistical Analysis       | People counting   |
| General Function           | Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication          |

| Audio                           |   |
|---------------------------------|---|
| Audio Compression               | G.711   |
| Two-way audio                   | Supported   |
| Suppression                     | Supported   |
| Sampling Rate                   | 8 KHZ   |
| Storage                         |   |
| Edge Storage                    | Micro SD, up to 128 GB  |
| Network Storage                 | ANR   |
| Network                         |   |
| Protocols                       | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP |
| Compatible Integration          | ONVIF(Profile S, Profile G), API  |
| Interface                       |   |
| Audio I/O                       | Audio cable   |
|                                 | Input: impedance 35 k $\Omega$ ; amplitude 2 V [p-p]  |
|                                 | Output: impedance 600 $\Omega$ ; amplitude 2 V [p-p]  |
| Alarm I/O                       | 1/ 1  |
| Network                         | 1 RJ45, 10M/100M Base-TX Ethernet   |
| Video Output                    | 1 BNC, impedance 75 $\Omega$ ; amplitude 1 V [p-p]  |
| Power Output                    | DC12V Power Output With PoE   |
| General                         |   |
| Power                           | DC12V $\pm$ 25%,PoE (IEEE802.3 af)  |
|                                 | Power consumption: Max.8.7 W  |
| Dimensions ( $\varnothing$ x H) | $\varnothing$ 148 x 111.3 mm ( $\varnothing$ 5.8" x 4.4")   |
| Weight                          | 0.75 kg (1.7 lb)  |
| Working Environment             | -40°C ~ +60°C (-40°F ~ 140°F), Humidity:10%~95% RH(non-condensing)  |
| Ingress Protection              | IP67  |
| Vandal Resistant                | IK10  |
| Reset Button                    | Supported   |

## Dimensions



## Accessories

| Installation mode | Accessories  | Description                     |
|-------------------|--|---------------------------------|
| Ceiling mount     | Mounting pedestal is included in the product package | For indoor ceiling installation |

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\*Product specifications and availability are subject to change without notice.