

# QUADPAN01

32MP Panoramic Vandal Dome IP Camera with Lights for 24/7 Full Color, IR Night Vision, AI Intelligent Events, 2.8~12 mm Motorized Lenses



## OVERVIEW

- Four adjustable lenses in a single camera housing, covering up to a 360° panoramic field of view
- Four 8MP 4K UltraHD stream outputs (3840 x 2160)
- Four-channel starlight and 120dB true WDR
- The all-in-one design gives you multi-channel functionality under a single IP address
- Each channel has a variety of intelligent events which can all be enabled simultaneously
- Built-in dual source illuminator, giving you the choice between IR and white light illumination
- IP67 and IK 10 rated, making this camera ideal for a wide variety of scenarios



Panoramic



WDR



Dual Light



PoE



IP66



IK10



## CAMERA

|                               |   |
|-------------------------------|---|
| <b>Sensor</b>                 | 1/1.8" Progressive Scan CMOS x 4  |
| <b>Max Resolution</b>         | 3840x2160 for each lens   |
| <b>Minimum Illumination</b>   | Color: 0.006 Lux @ (F1.2, AGC ON), B/W: 0.002 Lux @ (F1.2, AGC ON); 0 Lux with IR on/White light on                         |
| <b>Shutter</b>                | 1/5s - 1/20,000 s   |
| <b>Day &amp; Night</b>        | IR Cut Filter   |
| <b>Angle Adjustment</b>       | Four flexible lens in one track, slide range: -60° to 60°, tilt: 0° to 90°, rotate: 0° to 355°                              |
| <b>Lens</b>                   | 4 x 2.8 ~ 12 mm motorized varifocal lenses  |
| <b>Focal Length &amp; FOV</b> | <i>Horizontal field of view: 48° to 112°<br/>Vertical field of view: 27° to 58°<br/>Diagonal field of view: 55° to 138°</i> |
| <b>Lens Mount</b>             | ø16.7   |
| <b>Aperture</b>               | Max. F1.30  |



## VIDEO

|                                 |  |
|---------------------------------|--|
| <b>Main Stream</b>              | 50/60Hz: 25fps 8MP(3840x2160), 5MP(2592x1944, 3072x1728), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280*960), 720P(1280x720) |
| <b>Sub-Stream</b>               | 50/60 Hz: 25fps 720P(1280x720), VGA(640x480), QVGA(320x240)  |
| <b>Video Compression</b>        | <i>Main stream: H.265+, H.265, H.264+, H.264<br/>Sub stream: H.265+, H.265, H.264+, H.264. MJPEG</i>                                       |
| <b>Video Bit Rate</b>           | 8Kbps to 16 Mbps   |
| <b>H.264 Type</b>               | Baseline Profile/Main Profile/High Profile   |
| <b>H.265 Type</b>               | Main Profile   |
| <b>Region Of Interest (ROI)</b> | Yes  |

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| ILLUMINATION           |                                      |
|------------------------|--------------------------------------|
| Supplement light type  | IR and warm light                    |
| Supplement light range | Up to 100ft (IR) / 50ft (warm light) |
| IR Wavelength          | 850 nm                               |
| Smart Supplement Light | Yes                                  |

| AUDIO                       |       |
|-----------------------------|-------|
| Audio Compression           | G.711 |
| Audio Bit Rate              | Auto  |
| Sampling Rate               | 8 kHz |
| Environment Noise Filtering | Yes   |

| NETWORK                |  |
|------------------------|--|
| Protocols              | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP, PPPoE                  |
| Simultaneous Live View | Up to 92 streams   |
| User/Host              | Up to 32 users. 2 user levels: administrator and user  |
| API                    | ONVIF (Profile S/G/T)  |
| Web Browser            | IE10/11<br>Safari V12.1 above<br>Firefox V.52 above<br>Google chrome V.57 above<br>Edge V.79 above |

| EVENT       |   |
|-------------|---|
| Basic Event | Motion Detection  |
| Smart Event | Face Recognition, Pedestrian & Vehicle Detection, Line Crossing, Object Detection, Cross Counting, Heat Map, Crowd Density, Queue Length, License Plate Recognition, Intrusion, Region Entrance, Region Exiting |

| IMAGE                    |  |
|--------------------------|--|
| Image Settings           | Rotate mode, saturation, brightness, contrast, sharpness, and white balance are adjustable by client software or web browser |
| Day/Night Switch         | Day/Night/Image/Schedule   |
| Wide Dynamic Range (WDR) | 120 dB   |
| Image Enhancement        | BLC, 3D DNR, HLC   |

| INTERFACE          |   |
|--------------------|---|
| Network Connection | 1 RJ45 10M/100M/1000M Ethernet port           |
| On-Board Storage   | Built-in Micro SD/SDHC/SDXC slot, up to 256GB |
| Audio              | 1 input (RCA), 1 output (RCA)                 |
| Alarm              | 2 inputs, 2 outputs                           |
| Reset              | Yes   |

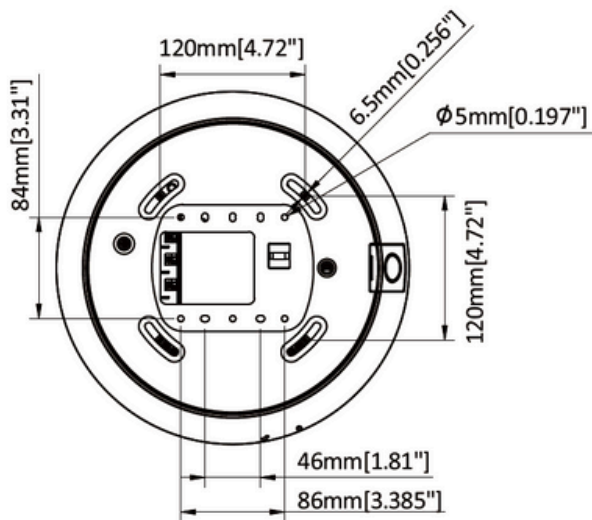
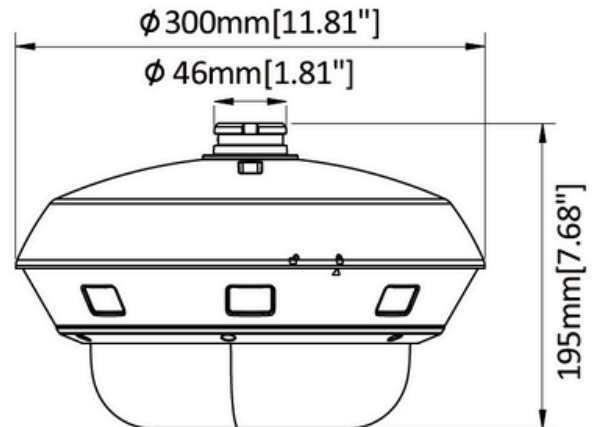
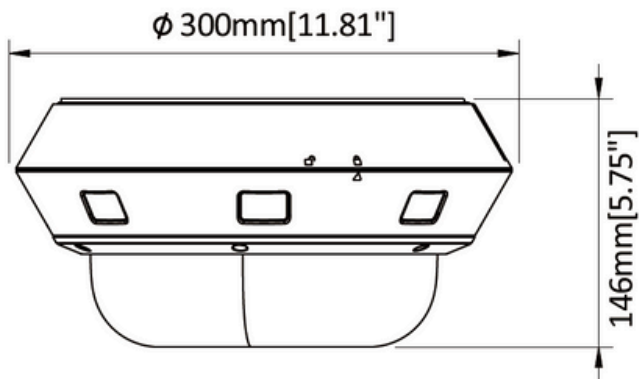
| GENERAL              |  |
|----------------------|--|
| Power                | ACV24 / DCV12 / PoE++                            |
|                      | Power consumption: Max 43W                       |
| Material             | Alloy  |
| Dimensions           | Ø 300 mm × 195 mm (11.8" x 7.7")                 |
| Package Dimension    | 500 mm × 395 mm × 385 mm (19.7" x 15.6" x 15.2") |
| Weight               | Approx. 4.6kg(10.1lb)                            |
| Operating conditions | -30~+55°C/less than ≤ 95% RH                     |
| Ingress Protection   | IP67   |
| Vandal Resistance    | IK10   |

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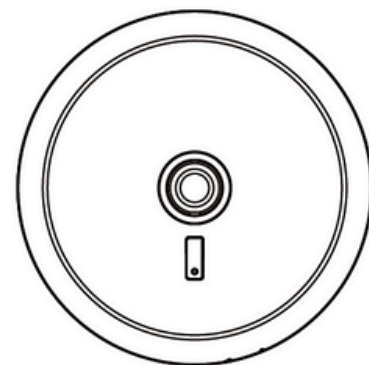
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## DIMENSIONS



Indoor



Outdoor