

# 8MP 180° Panoramic Bullet IP Camera

4608×1728 DUAL-LENS



The R2-8MPWDANGL is a 8MP (4608×1728) IP66 rated bullet camera constructed with a 2.8mm lens, which provides wide FOV and HD Image quality.

## FEATURES

- 2×5MP 1/2.8" PROGRESSIVE SCAN CMOS
- OUTPUT 180° WIDE ANGLE SPLICING IMAGE
- OUTPUTS MAX. 8MP(4608×1728)@15 FPS, AND SUPPORTS 2592×1944 @15FPS
- SUPPORT HUMAN AND VEHICLE DETECTION AND CAPTURE
- INTELLIGENT ANALYSIS: INTRUSION, LINE CROSSING, LOITERING, WRONG-WAY, PEOPLE COUNTING, ILLEGAL PARKING AND HEAT MAP
- BUILT-IN WARM LIGHT AND IR LIGHT, THE MAX. ILLUMINATION DISTANCE UP TO 30 M (98.4 FT)
- TRUE WDR, 3D DNR, ROI, DEFOG, HLC
- MOST IMPORTANT KEY FEATURES
- IP66
- PART #: R2-8MPWDANGL
- UPC: 840049310339
- DIMENSIONS: 8.96 × 4.33 × 3.15 INCH
- WEIGHT: 0.82 KG (1.81 LB)



FOR MORE INFORMATION, CONTACT YOUR ADI SALES PERSON.

### CAMERA

|                             |  |
|-----------------------------|--|
| IMAGE SENSOR                | DUAL 1/2.8" PROGRESSIVE SCAN CMOS  |
| MAX. RESOLUTION             | 4608(H)×1728(V)  |
| ELECTRONIC SHUTTER          | AUTO/MANUAL, 1/5 ~ 1/20,000S   |
| MIN. ILLUMINATION           | COLOR: 0.01 LUX @ (F1.6,AGC ON)<br>B/W: 0.001 LUX @ (F1.6,AGC ON)<br>0 LUX WITH ILLUMINATOR ON |
| ILLUMINATION DISTANCE       | IR DISTANCE UP TO 30 M (98.4FT)<br>WARM LIGHT DISTANCE UP TO 20 M (65.6FT)                     |
| ILLUMINATION ON/OFF CONTROL | AUTO/ MANUAL   |
| ILLUMINATOR NUMBER          | 2 (IR LED), 2 (WARM LIGHT)   |
| PAN/TILT/ROTATION RANGE     | PAN: 0°~360°, TILT: 0°~90°, ROTATION: 0°~360°  |

### LENS

|               |                                    |
|---------------|------------------------------------|
| LENS TYPE     | FIXED-FOCAL LENS, DUAL LENS: 2.8MM |
| IRIS          | FIXED IRIS                         |
| FOCAL LENGTH  | 2.8 MM                             |
| APERTURE      | F1.6                               |
| ANGLE OF VIEW | H: 180°, V: 63°                    |

### VIDEO

|                      |  |
|----------------------|--|
| STREAMING CAPABILITY | 2 STREAMS  |
| STREAM/FRAME RATE    | SPLICING MODE:<br>STREAM1: 4608×1728 @15FPS<br>STREAM2: 1536×576 @15FPS<br>MULTI-CHANNEL MODE:<br>STREAM1: 2592×1944, 2592×1520, 1280×720 @ 15FPS<br>STREAM2: D1, VGA, CIF, QVGA @ 15FPS |
| BIT RATE CONTROL     | CBR/VBR  |

|                          |   |
|--------------------------|---|
| BIT RATE                 | SPLICING MODE:<br>STREAM1: 500KBPS-16MBPS<br>STREAM2: 200KBPS-8MBPS<br>MULTI-CHANNEL MODE:<br>STREAM1: 200KBPS-12MBPS<br>STREAM2: 100KBPS-6MBPS |
| SMART ENCODER            | SUPPORT   |
| REGION OF INTEREST (ROI) | SUPPORT   |

### IMAGE

|                    |  |
|--------------------|--|
| IMAGE ADJUSTMENT   | BRIGHTNESS, SHARPNESS, CONTRAST, SATURATION ADJUSTABLE |
| MIRROR             | SUPPORT  |
| WHITE BALANCE      | AUTO/MANUAL  |
| DAY/NIGHT SETTING  | AUTO, DAY, NIGHT, TIME                                 |
| SMART ILLUMINATION | SUPPORT  |
| NOISE REDUCTION    | 2D/3D DNR  |
| IMAGE ENHANCEMENT  | HLC, BLC, DEFOG  |
| WIDE DYNAMIC RANGE | TRUE WDR   |
| S/N RATIO          | 55DB   |
| MOTION DETECTION   | SUPPORT  |
| PRIVACY MASKING    | 4 AREAS  |

### SMART FUNCTION

|                      |   |
|----------------------|---|
| SMART DETECTION      | SUPPORT HUMAN AND VEHICLE DETECTION AND CAPTURE   |
| INTELLIGENT ANALYSIS | INTRUSION, SINGLE LINE CROSSING, DOUBLE LINE CROSSING, LOITERING, WRONG-WAY, ILLEGAL PARKING AND SMART MOTION DETECTION<br>SUPPORT ALARM TRIGGERING BY SPECIFIED TARGET TYPES (HUMAN AND VEHICLE) |
| PEOPLE COUNTING      | SUPPORT   |
| HEAT MAP             | SUPPORT   |

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|                            |  |
|----------------------------|--|
| <b>BASIC EVENTS</b>        | DISK ALARM, NETWORK ALARM, I/O ALARM, MOTION DETECTION ALARM, ABNORMAL SOUND DETECTION                           |
| <b>AUDIO</b>               |  |
| <b>AUDIO COMPRESSION</b>   | G.711, RAW_PCM   |
| <b>AUDIO BIT RATE</b>      | 8KBPS, 16KBPS, 64KBPS  |
| <b>NETWORK</b>             |  |
| <b>PROTOCOLS</b>           | IPV4/IPV6, RTSP/RTCP/RTP, TCP/UDP, HTTPS, DHCP, DNS, DDNS, PPPOE, UPNP, IGMP, IGMP, FTP, NTP, STMP, 802.1X, SNMP |
| <b>INTEROPERABILITY</b>    | ONVIF, SDK   |
| <b>STREAMING METHOD</b>    | MULTICAST  |
| <b>MAX. USER ACCESS</b>    | 10 USERS   |
| <b>WEB VIEWER</b>          | <IE11, CHROME, FIREFOX   |
| <b>LANGUAGE</b>            | ENGLISH, CHINESE, POLISH, ITALIAN, PORTUGUESE, SPANISH, RUSSIAN, FRENCH, CZECH, HUNGARIAN. DE-FAULT: ENGLISH     |
| <b>INTERFACE</b>           |  |
| <b>NETWORK INTERFACE</b>   | 1 ETHERNET (10/100 BASE-T) RJ-45 CONNECTOR   |
| <b>AUDIO INTERFACE</b>     | 1CH INPUT, 1CH OUTPUT  |
| <b>BUILT-IN MICROPHONE</b> | SUPPORT  |
| <b>BUILT-IN SPEAKER</b>    | MAX SOUND TRANSMISSION DISTANCE OF 60 M (196.85 FT) (45-48 DB)   |
| <b>ALARM INTERFACE</b>     | 1CH INPUT, 1CH OUTPUT  |
| <b>SD CARD SLOT</b>        | BUILT-IN, UP TO 256GB  |
| <b>RESET BUTTON</b>        | SUPPORT  |
| <b>ELECTRICAL</b>          |  |
| <b>POWER SUPPLY</b>        | DC12V (-15%~+20%)/POE (IEEE 802.3AF)   |

|                              |   |
|------------------------------|---|
| <b>POWER CONSUMPTION</b>     | MAX 11.5 W                                    |
| <b>OPERATING TEMPERATURE</b> | -30°C ~ 60°C (-22°F ~ 140°F )                 |
| <b>OPERATING HUMIDITY</b>    | LESS THAN 90% RH                              |
| <b>INGRESS PROTECTION</b>    | IP66  |
| <b>CERTIFICATIONS</b>        | CE/FCC  |
| <b>CASING</b>                | METAL   |
| <b>DIMENSIONS</b>            | 227.7 × 110 × 80 MM (8.96 × 4.33 × 3.15 INCH) |
| <b>NET WEIGHT</b>            | 0.82 KG (1.81 LB)                             |

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