



PRODUCT SPEC SHEET
R2-5MPIRPTZ

5MP 30x IR 7" PTZ IP Camera with Wiper

2560x1920, 30x Optical Zoom



The R2-5MPFXDOME is a 5MP (2560 x 1920) IP67 rated PTZ camera constructed with a 2.8mm lens and provides HD image quality.

For additional monitoring and cloud capabilities, integrate with Capture Cloud (powered by Eagle Eye), and connect to Capture Remote Monitoring.*

FEATURES

- 1/2.8" PROGRESSIVE SCAN CMOS
- 30x OPTICAL ZOOM, 16x DIGITAL ZOOM
- 5MP (2592x1944) @ 25/30FPS
- SUPPORTS FACE, HUMAN AND VEHICLE DETECTION AND CAPTURE
- INTELLIGENT ANALYSIS: INTRUSION, LINE CROSSING, LOITERING, WRONG WAY, ILLEGAL PARKING AND PEOPLE COUNTING
- TRUE WDR, 3D DNR, ICR, DEFOG, ANTI-SHAKE
- SMART IR DISTANCE UP TO 200M (656.2 FT)
- IP66 RATED
- WARRANTY: 36 MONTHS
- PART #: R2-5MPIRPTZ
- UPC: 840049308398
- DIMENSIONS: Ø8.9" × 14.28"
- WEIGHT: 12.13 LB



FOR MORE INFORMATION, CONTACT YOUR ADI SALES PERSON.

CAMERA

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|---------------------------|---|
| IMAGE SENSOR | 1/2.8" PROGRESSIVE SCAN CMOS |
| MAX. RESOLUTION | 2592(H)x1944(V) |
| ELECTRONIC SHUTTER | AUTO/MANUAL, 1/5- 1/20,000S |
| MIN. ILLUMINATION | COLOR: 0.07 LUX @ (F1.6, AGC ON) B/W: 0.007 LUX @ (F1.6, AGC ON), 0 LUX WITH IR |
| DAY & NIGHT | IR CUT FILTER |
| IR DISTANCE | SMART IR, UP TO 200M (656.2 FT) |
| IR ON/OFF CONTROL | AUTO/MANUAL |
| WIPER | SUPPORTED |

LENS

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|---------------------------|---|
| FOCAL LENGTH | 5.3 ~ 159MM |
| MAX. APERTURE | F1.6 ~ F4.3 |
| ANGLE OF VIEW | H: 56.6° ~ 2.48°, V: 42.7° ~ 1.91° |
| OPTICAL ZOOM | 30X |
| DIGITAL ZOOM | 16X |
| NOISE REDUCTION | 2D/3D DNR |
| IMAGE ENHANCEMENT | HLC, BLC, DEFOG, ANTI-SHAKE |
| WIDE DYNAMIC RANGE | TRUE WDR |
| S/N RATIO | 50DB |
| MOTION DETECTION | SUPPORTED |
| PRIVACY MASKING | SUPPORTS 40 ZONES, MASK COLOR CONFIGURABLE |
| PAN SPEED | PAN SPEED: 0.1° TO 300°/S PRESET SPEED: 300°/S |
| TILT SPEED | TILT SPEED: 0.1° TO 90°/S, PRESET SPEED: 300°/S |

PTZ

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|---------------------------|---|
| PAN/TILT RANGE | PAN: 0° ~ 360° ENDLESS TILT: -10° ~ +90° |
| PRESETS | 400 |
| PTZ MODE | 6 TRACK, 12 SCAN, 12 PATROL (UP TO 32 PRESETS PERPATROL) |
| POWER-OFF MEMORY | SUPPORTED |
| 3D POSITIONING | SUPPORTED |
| PTZ STATUS DISPLAY | SUPPORTED |
| IDLE MOTION | THE TIME CAN BE SET (1-240 MINUTES), AND FUNCTIONS SUCH AS PRESET POSITIONS, PATROLS, SCANS, AND TRACKS CAN BE RUN. |

VIDEO

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| STREAMING CAPABILITY | 3 STREAMS |
| STREAM/FRAME RATE | STREAM1: 2592x1944, 2560x1520, 1920x1080, 1280x720 @25/ 30FPS STREAM2: D1, VGA, CIF @ 25/30FPS STREAM3: VGA, CIF, QVGA @ 25/30FPS |
| BIT RATE CONTROL | CBR/VBR |
| BIT RATE | STREAM1: 200KBPS-12MBPS STREAM2: 100KBPS-6MBPS STREAM3: 100KBPS-3MBPS |
| SMART ENCODER | SUPPORTED |
| REGION OF INTEREST (ROI) | SUPPORTED |

IMAGE

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|--------------------------|---|
| IMAGE ADJUSTMENT | BRIGHTNESS/SHARPNESS/CONTRAST/ SATURATION ADJUSTABLE |
| MIRROR | SUPPORTED |
| WHITE BALANCE | AUTO/MANUAL |
| DAY/NIGHT SETTING | AUTO, DAY, NIGHT, TIME |
| SMART IR | SUPPORTED |

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|---------------------------------|---|
| NOISE REDUCTION | 2D/3D DNR |
| IMAGE ENHANCEMENT | HLC, BLC, DEFOG, ANTI-SHAKE |
| WIDE DYNAMIC RANGE | TRUE WDR |
| S/N RATIO | 50DB |
| MOTION DETECTION | SUPPORTED |
| PRIVACY MASKING | SUPPORTED 40 ZONES, MASK COLOR CONFIGURABLE |
| AUDIO | |
| COMPRESSION | G.711 (8KBPS), RAW_PCM (16KBPS) |
| SMART FUNCTIONS | |
| MULTI-OBJECT DETECTION | SUPPORTS FACE, HUMAN, VEHICLE DETECTION AND CAPTURE |
| INTELLIGENT ANALYSIS | INTRUSION, SINGLE LINE CROSSING, DOUBLE LINE CROSSING, LOITERING, WRONG WAY, ILLEGAL PARKING (SUPPORTS ACCURATE DETECTION OF HUMANS AND VEHICLES) |
| SMOKE AND FIRE DETECTION | SUPPORTED |
| PEOPLE COUNTING | SUPPORTED |
| SMART MOTION DETECTION | SUPPORTED |
| SMART TRACKING | SUPPORTED |
| NETWORK | |
| PROTOCOLS | IPV4, IPV6, TCP / IP, HTTP, HTTPS, RTSP / RTP / RTCP, IGMP /MULTICAST, SMTP, DHCP, NTP, DNS, DDNS, QOS, SNMP, 802.1X, UDP, ICMP, ARP, TLS |
| INTEROPERABILITY | ONVIF, SDK, CGI |
| STREAMING METHOD | UNICAST |
| MAX. USER ACCESS | 10 USERS |

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| WEB VIEWER | <IE11, CHROME, FIREFOX, MICROSOFT EDGE |
| LANGUAGE | ENGLISH, CHINESE, POLISH, ITALIAN, PORTUGUESE, SPANISH, RUSSIAN, FRENCH, CZECH, HUNGARIAN. DEFAULT: ENGLISH |
| INTERFACE | |
| NETWORK INTERFACE | 1 ETHERNET (10/100 BASE-T) RJ45 CONNECTOR |
| AUDIO INTERFACE | 1CH INPUT, 1CH OUTPUT |
| ALARM INTERFACE | 7CH INPUT, 2CH OUTPUT |
| RS485 INTERFACE | SUPPORTED |
| CVBS OUTPUT | SUPPORTED |
| SD CARD SLOT | BUILT-IN, UP TO 256GB |
| ELECTRICAL | |
| POWER SUPPLY | AC24V/DC36V/POE++ (IEEE 802.3BT) STANDARD EQUIPPED: DC36V |
| POWER CONSUMPTION | LESS THAN 45W |
| OPERATING TEMPERATURE | -40°C ~ 60°C (-40°F ~ 140°F) |
| OPERATING HUMIDITY | LESS THAN 90% RH |
| INGRESS PROTECTION | IP66, TVS4000V |
| CERTIFICATIONS | CE/FCC |
| CASING | METAL |
| DIMENSIONS | ø226 × 362.8MM (ø8.9 × 14.28 INCHES) |
| NET WEIGHT | 5.5KG (12.13 LB) |

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