

# Thermal Bullet IP Camera

400x300, 4 Lens Options



The R2-THRMLBLx is a thermal bullet camera with 4 lens options: 8mm, 15mm, 19mm and 35mm. The camera supports temperature measurement and intelligent analysis.

## FEATURES

- UNCOOLED VOX MICRO BOLOMETER WITH 400x300 RESOLUTION AND ≤40MK THERMAL SENSITIVITY
- 8/15/19/35MM FIXED LENS MODELS
- TEMPERATURE MONITORING AND EXCEPTION ALARM
- TEMPERATURE DETECTION: -4°F TO 302°F (-20°C TO 150°C)
- TEMPERATURE MEASUREMENT RULE TYPES
- INTELLIGENT ANALYSIS: INTRUSION, LINE CROSSING, LOITERING, WRONG WAY, PEOPLE COUNTING, ENTER AREA, LEAVE AREA
- POE (12V DC)
- IP66 RATED
- WARRANTY: 36 MONTHS

- | ● PART #:                | ● UPC:       |
|--------------------------|--------------|
| R2-THRMLBL1<br>8MM LENS  | 840049308442 |
| R2-THRMLBL2<br>15MM LENS | 840049308459 |
| R2-THRMLBL3<br>19MM LENS | 840049308466 |
| R2-THRMLBL4<br>35MM LENS | 840049308473 |
- DIMENSIONS: Ø4.33" x 15.28"
  - WEIGHT: 4.97 LB (WITH 15MM LENS)



FOR MORE INFORMATION, CONTACT YOUR ADI SALES PERSON.

### THERMAL CAMERA

<b>DETECTOR TYPE</b>	UNCOOLED VOX MICRO BOLOMETER 400×300			
<b>RESOLUTION</b>	SENSOR IS 400×300. IMAGE CAN BE SCALED UP TO 704×576			
<b>PIXEL PITCH</b>	17 UM			
<b>SPECTRAL RANGE</b>	8-14MM			
<b>THERMAL SENSITIVITY (NETD)</b>	≤ 40 MK			
<b>LENS TYPE</b>	FIXED			
<b>FOCUS CONTROL</b>	MANUAL FOCUS			
<b>FOCAL LENGTH</b>	<b>8MM</b>	<b>15MM</b>	<b>19MM</b>	<b>35MM</b>
<b>F NO.</b>	F1.0	F1.0	F1.0	F1.0
<b>ANGLE OF VIEW</b>	H:46° V:35.3°	H:25.5° V:19.2°	H:20.4° V:15.3°	H: 11° V:9°
<b>DETECTION DISTANCE FIRE (1*1M)</b>	235M	441M	559M	1029M
<b>DETECTION DISTANCE MAN (1.8*0.5M)</b>	235M	441M	559M	1029M
<b>DETECTION DISTANCE VEHICLE (4*1.5M)</b>	722M	1353M	1714M	3137M
<b>RECOGNITION DISTANCE HUMAN (1.8*0.5M)</b>	59M	110M	152M	257M
<b>RECOGNITION DISTANCE VEHICLE (4*1.5M)</b>	180M	338M	467M	789M

### VIDEO AND AUDIO

<b>MAIN STREAM</b>	704×576 @ 25/30FPS
<b>SUB STREAM</b>	CIF @ 25/30FPS
<b>BIT RATE CONTROL</b>	CBR/VBR
<b>BIT RATE</b>	MAIN STREAM: 100KBPS ~ 6MBPS SUB STREAM: 10KBPS ~ 1.5MBPS
<b>REGION OF INTEREST</b>	OFF / ON (8 ZONE, RECTANGLE)
<b>SMART ENCODE</b>	SUPPORTED

<b>AUDIO COMPRESSION</b>	G.711: 8KBPS, RAW_PCM: 16KBPS
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### IMAGE

<b>IMAGE SETTING</b>	BRIGHTNESS, SHARPNESS, CONTRAST
<b>MIRROR</b>	SUPPORTED
<b>PSEUDO-COLOR SETTING</b>	WHITE-HOT/BLACK-HOT/RAINBOW/IRONBOW ETC. UP TO 17 MODES
<b>DVE IMAGE ENHANCE</b>	SUPPORTED
<b>NOISE REDUCTION</b>	2D/3D DNR
<b>PRIVACY MASKING</b>	SUPPORTED

### SMART FUNCTIONS

<b>SMART ALARM</b>	MOTION DETECTION, DISK ALARM, I/O ALARM, IVS ALARM, TEMPERATURE DETECTION AND ALARM
<b>AI MULTI-OBJECT</b>	SUPPORTS HUMAN AND VEHICLE DETECTION
<b>INTELLIGENT ANALYSIS</b>	INTRUSION, SINGLE LINE CROSSING, DOUBLE LINE CROSSING, LOITERING, WRONG WAY, ENTER AREA, LEAVE AREA (THESE 7 FUNCTION SUPPORT ACCURATE DETECTION OF PEOPLE/VEHICLES), PEOPLE COUNTING

### TEMPERATURE DETECTION

<b>TEMPERATURE DETECTION</b>	SUPPORTS 3 TEMPERATURE MESUREMENT RULE TYPES (SPOT, LINE, AREA)
<b>TEMPERATURE ALARM</b>	OVER TEMPERATURE ALARM, TEMPERATURE DIFFERENCE ALARM
<b>ACCURACY</b>	32°C / 32%
<b>RESPONSE TIME</b>	≤ 30MS
<b>TEMPERATURE MEASUREMENT RANGE</b>	-20°C ~ 150°C (-4°F ~ 302°F)
<b>TEMPERATURE DISPLAY MODE</b>	TEMPERATURE TARGET >5°C DISPLAY ABSOLUTE TEMPERATURE VALUE, TEMPERATURE TARGET ≤5°C DISPLAY RELATIVE TEMPERATURE VALUE (TEMPERATURE DIFFERENCE DEV = HIGHEST VALUE - AVERAGE)

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NETWORK	
<b>PROTOCOLS</b>	IPV4/IPV6 ,HTTP,RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, 802.1X
<b>INTEROPERABILITY</b>	ONVIF, CGI, SDK
<b>MAX. USER ACCESS</b>	10 USERS
<b>WEB VIEWER</b>	<IE11, CHROME, FIREFOX, MICROSOFT EDGE
<b>WEB LANGUAGE</b>	ENGLISH, CHINESE, POLISH, ITALIAN, PORTUGUESE, SPANISH. RUSSIAN, FRENCH, CZECH, HUNGARIAN
INTERFACE	
<b>NETWORK INTERFACE</b>	1 ETHERNET (10/100 BASE-T) RJ45 CONNECTOR
<b>AUDIO INTERFACE</b>	1CH INPUT, 1CH OUTPUT
<b>ALARM INTERFACE</b>	2CH INPUT, 2CH OUTPUT
<b>RS485</b>	SUPPORTED
<b>RESET BUTTON</b>	SUPPORTED
<b>SD CARD SLOT</b>	SUPPORTED, UP TO 128GB
GENERAL	
<b>POWER SUPPLY</b>	DC12V/POE (IEEE 802.3AF)
<b>POWER CONSUMPTION</b>	MAX 5W
<b>WORKING TEMPERATURE</b>	-40°C - 60°C (-40°F - 140°F)
<b>STORAGE CONDITIONS</b>	0- 90% RH
<b>CERTIFICATIONS</b>	CE/FCC
<b>INGRESS PROTECTION</b>	IP66
<b>CASING</b>	METAL
<b>DIMENSIONS</b>	ø110 × 388MM (ø4.33 × 15.28 INCHES)
<b>NET WEIGHT</b>	1.8KG (4.97 LB) WITH 15MM LENS

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