

A371

4MP Fire Detection Thermal Bullet with D/N, Adaptive IR, White LED, Superior WDR, SLLS, Fixed Lens



- Fire Detection
- 4 Megapixel
- Day & Night with Superior Low Light Sensitivity and Adaptive IR LED
- Smart Dual Light with built-in IR and White LED
- Superior WDR (120dB)
- H.265 Compression
- Wide Angle

► Specifications

Device

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|--------------------------|--|
| Product Type | Thermal Bullet |
| Maximum Resolution | 4MP |
| Product Application | Overheating Detection, Fire Detection |
| Application Environment | Outdoor |
| Image Sensor | Progressive Scan CMOS + Thermal sensor |
| Effective Pixels | Thermal: 256(H) X 192(V) Optical: 2688(H) X 1520(V) |
| Pixel Interval | 12 μm |
| Spectral Range | 8-14 μm |
| Thermal Sensitivity | NETD <40mK at F1.0 |
| Spatial Resolution | 3.33 mrad |
| Day / Night | Yes |
| Low Light Sensitivity | Superior |
| Minimum Illumination | Color: 0.0089 lux at F1.6 (AGC on); B/W: 0 lux (IR LED on) |
| Mechanical IR Cut Filter | Yes |
| IR LED | Adaptive IR LED |

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| IR Working Distance | 30m |
| White LED | Yes |
| White LED Working Distance | 30m |
| S/N Ratio | 75 dB |

Lens

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| Number of Lenses | 2 Lenses |
| Focal Length | Fixed focal, f3.6mm (Visual camera) Fixed focal, f4.3mm |
| Aperture | (Thermal camera) F1.0 (Visual camera) F1.6 |
| Horizontal Viewing Angle | (Thermal camera) 50° (Visual camera) 84° |
| Vertical Viewing Angle | (Thermal camera) 37.3° (Visual camera) 43.1° |

Video

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|-----------------------------------|---|
| Compression | H.265, H.264, MJPEG |
| Maximum Frame Rate vs. Resolution | (Visual camera) (60Hz) 30 fps at 2688 x 1520 30 fps at 1920 x 1080 30 fps at 1280 x 720 30 fps at 704 x 480 30 fps at 352 x 240 (50Hz) 25 fps at 2688 x 1520 25 fps at 1920 x 1080 25 fps at 1280 x 720 25 fps at 704 x 576 25 fps at 352 x 288 (Thermal camera) 25 fps at 1280 x 720 25 fps at 704 x 576 25 fps at 640 x 512 25 fps at 320 x 240 |
| Multi-Streaming | Simultaneous dual streams |
| Wide Dynamic Range | Superior WDR (120 dB) |
| Digital Noise Reduction | 3D DNR |
| Built-in Analytics | Object Line Crossing Detection, Object Enter Area Detection, Object Exit Area Detection, Intrusion Detection (Forbidden Area Detection), Tampering Detection, Temperature Detection, Smoke Detection, Fire Detection |

Audio

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| Audio Type | 2-way, Mic-in, Line-in, Line-out |
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Network

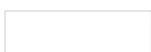
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|---------------|---|
| Ethernet Port | 1 x Ethernet (10/100 Base-T), RJ-45 connector |
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Temperature Measurement

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| Temperature Range | -20°C ~ 150°C (-4°F ~ 302°F) |
| Temperature Accuracy | ±8°C (14.4°F) |

Detection Range

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| Triggering Analytics Event Notification | (People 1.8x0.5m) 28.8m (Vehicle 1.4x4.0m) 75.6m |
| Triggering Temperature Notification | (Object 0.2x0.2m) 1.7m (Object 1x1m) 58.3m |
| Triggering Fire Detection Event Notification | (Object 0.2x0.2m) 43.2m |
| Observation Range | Detection: People 150m; Vehicle 460m Recognition: People 38m; Vehicle 112m Identification: People 19m; Vehicle 56m |



Integration

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| ONVIF Compliant | Yes, Profile S, Profile G |
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Interface

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| Serial Port | 1 x RS-485 |
| Analog Video Output | 1 x BNC connector, for installation only |
| Digital Input/Output | 2/2 |

General

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| Power Source | DC 12V, PoE Class 3 (IEEE802.3af) |
| Power Consumption | 8.5 W (DC), 8.5 W (PoE) |
| Weight | 1650g (3.64lb) |
| Dimensions | (L x W x H): 321.3mm x 106.1mm x 107.0mm (12.65" x 4.18" x 4.21") |
| Environmental Casing | Weatherproof (IP67), Vandal proof metal casing (IK10) |
| Corrosion Protection | Optional for project request. Chassis corrosion resistance at the seashore approximately 2-3 years. |
| Operating Temperature | -40°C ~ 70°C (-40°F ~ 158°F) |
| Real-time Clock (RTC) | Yes |
| Warranty | 3 Year(s). For extended warranty offering, see http://www.acti.com/support/warranty |

