

BI-SPECTRUM THERMAL CAMERAS

Honeywell thermal cameras capture heat signatures and detailed images, enhancing security and response time.

35 Series / 60 Series



Honeywell

HONEYWELL THERMAL CAMERAS

In today's increasingly complex commercial landscape, the need for effective security solutions has never been greater. Bi-spectrum thermal surveillance cameras are at the forefront of this demand, offering a revolutionary approach to monitoring and protecting assets.



APPLICATIONS

35 SERIES

60 SERIES



Critical
Infrastructure



Retail



Warehouses



Logistics
Environments



Solar
Plants



EV charging
Stations



Utility
Services

SUPERIOR VISIBILITY

By integrating advanced thermal imaging technologies with high-definition optical capabilities, these cameras provide unparalleled visibility in both challenging lighting conditions and diverse environments.



ENHANCED SECURITY AND RESPONSE TIME

The camera's ability to detect heat signatures in total darkness while simultaneously verifying threats with exceptional optical clarity makes them an essential tool for businesses to enhance security measures, safeguard properties, and minimize risk for a robust return on investment.



35 SERIES THERMAL EYEBALL CAMERA



ENHANCED DETECTION AND RECOGNITION

- Superior image quality by 5MP optical resolution & 256 X 192 thermal heat-seeking resolution sensor combine in one camera device to be able to see more detail at a longer distance for earlier detection of threats
- Multiple lens option to select right models based on environment needs – Optical offers multiple lens option – 2.2mm & 4mm, whereas Thermal offers lens option as – 2.1mm & 3.5mm
- Optical sensor offers Longer detection distance up to 82m(269 ft) & recognition up to 16.4 m (53.81 ft)
- Under Thermal sensor Human detection up to 146m (479 Ft) & can recognize human up to 36 m (118.11 ft)

INTELLIGENT SURVEILLANCE

- Advanced video analytics, combined with thermal heat seeking signature, detects living beings, overheating equipment, smoke, fire hot spots, and open flames with both a thermal and an optical signature
- Other analytics for vehicle detection include line crossing, double line crossing, and wrong way detection for perimeter and checkpoint applications

INCREASED OPERATIONAL EFFICIENCY

- 24X7 monitoring under all environmental conditions – Rain, FOG, or Pitch-dark night
- Robust design with IP67,66 & IK10 rating enhance camera durability
- Replace need of two cameras with one – from operation, installation to maintenance
- Show Bonding Box in Live video based on object classification and alarm event
- Onvif S, G, T& M compatibility enhances interoperability
- **Reduced false alarms:** Bi-spectral noise filtering algorithms improve accuracy by filtering out noise more effectively, therefore focusing on genuine changes in the scene and minimizing false triggers and alarms
- **Preventive Maintenance:** Can be used to monitor equipment for early signs of overheating or mechanical stress, serving dual roles in industrial safety and security

COMPLIANCE

- NDAA compliant
- IEC/ANSI/ISA-62443-4-1-2018



35 SERIES THERMAL BULLET CAMERA



ENHANCED DETECTION AND RECOGNITION

- Superior image quality by 5MP optical resolution & 256 X 192 thermal heat-seeking resolution sensor combine in one camera device to be able to see more detail at a longer distance for earlier detection of threats
- Multiple lens option to select right models based on environment needs – Optical offers lens as 8mm, whereas Thermal offers lens option as – 7mm & 10mm
- Optical sensor offers Longer detection distance up to 143 m (469.16 ft) & recognition up to 28.6 m (93.83 ft)
- Under Thermal sensor Human detection up to 417 m (1,368.11 ft) & can recognize human up to 104 m (341.21 ft)

INTELLIGENT SURVEILLANCE

- Advanced video analytics, combined with thermal heat seeking signature, detects living beings, overheating equipment, smoke, fire hot spots, and open flames with both a thermal and an optical signature
- Other analytics for vehicle detection include line crossing, double line crossing, and wrong way detection for perimeter and checkpoint applications
- Camera includes a customizable voice warning feature for early warning to vacate the area

INCREASED OPERATIONAL EFFICIENCY

- 24X7 monitoring under all environmental conditions – Rain, FOG, or Pitch-dark night
- Robust design with IP67,66 & IK10 rating enhance camera durability
- Replace need of two cameras with one – from operation, installation to maintenance
- Show Bonding Box in Live video based on object classification and alarm event
- Onvif S, G, T & M compatibility enhances interoperability
- **Reduced false alarms:** Bi-spectral noise filtering algorithms improve accuracy by filtering out noise more effectively, therefore focusing on genuine changes in the scene and minimizing false triggers and alarms
- **Preventive Maintenance:** Can be used to monitor equipment for early signs of overheating or mechanical stress, serving dual roles in industrial safety and security

COMPLIANCE

- NDAA compliant
- IEC/ANSI/ISA-62443-4-1-2018



60 SERIES THERMAL BULLET CAMERA



ENHANCED DETECTION AND RECOGNITION

- Superior image quality by 4MP optical resolution & 640 x 512 thermal heat-seeking resolution sensor combine in one camera device to be able to see more detail at a longer distance for earlier detection of threats
- Combines a high-resolution thermal heat-seeking sensor with an advanced optical sensor and lens in one camera device to be able to see more detail at a longer distance for earlier detection of threats
- Multiple lens option to select right models based on environment needs – Optical offers lens as 4mm, 6mm, 10-30mm, whereas Thermal offers lens option as – 9mm, 15mm, 25mm, 35mm, 50mm
- Optical sensor offers longer detection distance up to 390 m (1,279.53 ft)
- Under Thermal sensor Human detection up to 2,083 m (6,833.99 ft) & can recognize human up to 521 m (1,709.32 ft)
- Measures thermal temperatures from -0°C up to 350°C (32°F to 662°F)

INTELLIGENT SURVEILLANCE

- Advanced video analytics, combined with thermal heat seeking signature, detects living beings, overheating equipment, smoke, fire hot spots, and open flames with both a thermal and an optical signature.
- Other analytics for vehicle detection include line crossing, double line crossing, and wrong way detection for perimeter and checkpoint applications
- Camera includes a customizable voice warning feature for early warning to vacate the area

INCREASED OPERATIONAL EFFICIENCY

- 24X7 monitoring under all environmental conditions – Rain, FOG, or Pitch-dark night
- Robust design with IP67, 66 & IK10 rating enhance camera durability
- Replace need of two cameras with one – from operation, installation to maintenance
- PT driver to allow the camera to function as a PTZ
- Support for more industrial certifications such as NEMA for use in rugged applications
- Show Bonding Box in Live video based on object classification and alarm event
- Onvif S, G, T & M compatibility enhances interoperability
- **Reduced false alarms:** Bi-spectral noise filtering algorithms improve accuracy by filtering out noise more effectively, therefore focusing on genuine changes in the scene and minimizing false triggers and alarms
- **Preventive Maintenance:** Can be used to monitor equipment for early signs of overheating or mechanical stress, serving dual roles in industrial safety and security





COMPLIANCE

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35 SERIES THERMAL CAMERAS

35 SERIES BI- SPECTRUM THERMAL CAMERA

PRODUCT IMAGE	PRODUCT NUMBER	DESCRIPTION
	HC35TE5R3JT21	35 Series Bi-Spectrum Thermal Ball Cameras with 2.1 mm Thermal Lens, PoE
	HC35TE5R4JT35	35 Series Bi-Spectrum Thermal Ball Cameras with 3.5 mm Thermal Lens, PoE
	HC35TB5R1JT07	35 Series Bi-Spectrum Thermal Bullet Cameras with 7 mm Thermal Lens, PoE
	HC35TB5R4JT10	35 Series Bi-Spectrum Thermal Bullet Cameras with 10 mm Thermal Lens, PoE








35 SERIES BI- SPECTRUM THERMAL MOUNTS & ACCESSORIES

PRODUCT IMAGE	PRODUCT NUMBER	DESCRIPTION
	HA35PMC02	35 Series MFZ camera cap, 1.5NPT male
	HA35CLM01	35 Series ceiling mount base with adapter
	HA35CLM02	35 Series ceiling mount pendent extension, 252 mm
	HA60WLMB1	60 Series wall mount bracket, 1.5NPT female
	HA35JCBHA1	35 Series all-in-one box, white
	HA35PLM01	35 Series pole mount bracket
	HA35CNM01	35 Series corner mount bracket
	HA35PCM04B	35 Series cap for pendent mount, 1.5NPT male
	HA35JCBHBB	35 Series bullet junction box, IP66












60 SERIES THERMAL CAMERAS

60 SERIES BI- SPECTRUM THERMAL CAMERA

PRODUCT IMAGE	PRODUCT NUMBER	DESCRIPTION
	HC60TB4R1VT09	60 Series Bi-Spectrum Thermal Bullet VGA Cameras with 9 mm Thermal Lens, PoE
	HC60TB4R4VT15	60 Series Bi-Spectrum Thermal Bullet VGA Cameras with 15 mm Thermal Lens, PoE
	HC60TB4R2VT25	60 Series Bi-Spectrum Thermal Bullet VGA Cameras with 25 mm Thermal Lens, PoE
	HC60TB4R2VT35	60 Series Bi-Spectrum Thermal Bullet VGA Cameras with 35 mm Thermal Lens, PoE
	HC60TB4R2VT50	60 Series Bi-Spectrum Thermal Bullet VGA Cameras with 50 mm Thermal Lens, PoE



60 SERIES BI- SPECTRUM THERMAL MOUNTS & ACCESSORIES

PRODUCT IMAGE	PRODUCT NUMBER	DESCRIPTION
	HA35PCM04B	60 Series cap for pendent mount, 1.5NPT male
	HA35CLM01	60 Series ceiling mount base with adapter
	HA35CLM02	60 Series ceiling mount pendent extension, 252 mm
	HA35JCBHBB	60 Series bullet junction box, IP66
	HA35PLM01	60 Series pole mount bracket
	HA35CNM01	60 Series corner mount bracket
	HAS1PTD	Bi-Spectrum bullet PT driver
	HAS1PTDP	Bi-Spectrum bullet PT driver pendant mount
	HAS1TBFN	Bi-Spectrum bullet VGA front cover for NEMA



For More Information

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FUTURE
IS
WHAT
WE
MAKE IT**

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