



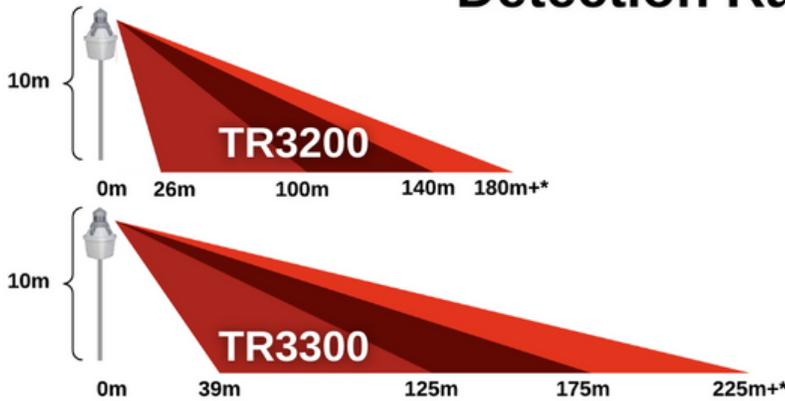
THERMAL RADAR™

Visionary Thermal Detection

- Geospatial location-based detection alerts.
- Reduces device count, infrastructure, and licensing costs.
- No export license is required for most international applications.
- Proprietary adaptive analytics result in low false-positive alerts.
- Edge analytics for human, vehicle, and fire detection.
- Provides slew-to-cue functionality to an integrated PTZ.
- Passive thermal detection and surveillance solution.
- Simultaneous detection of multiple targets.
- Patented thermal video feed displaying full 360° coverage area.
- Independent customizable areas of interest/detection and priority zones.

Detection Radius

3-Series



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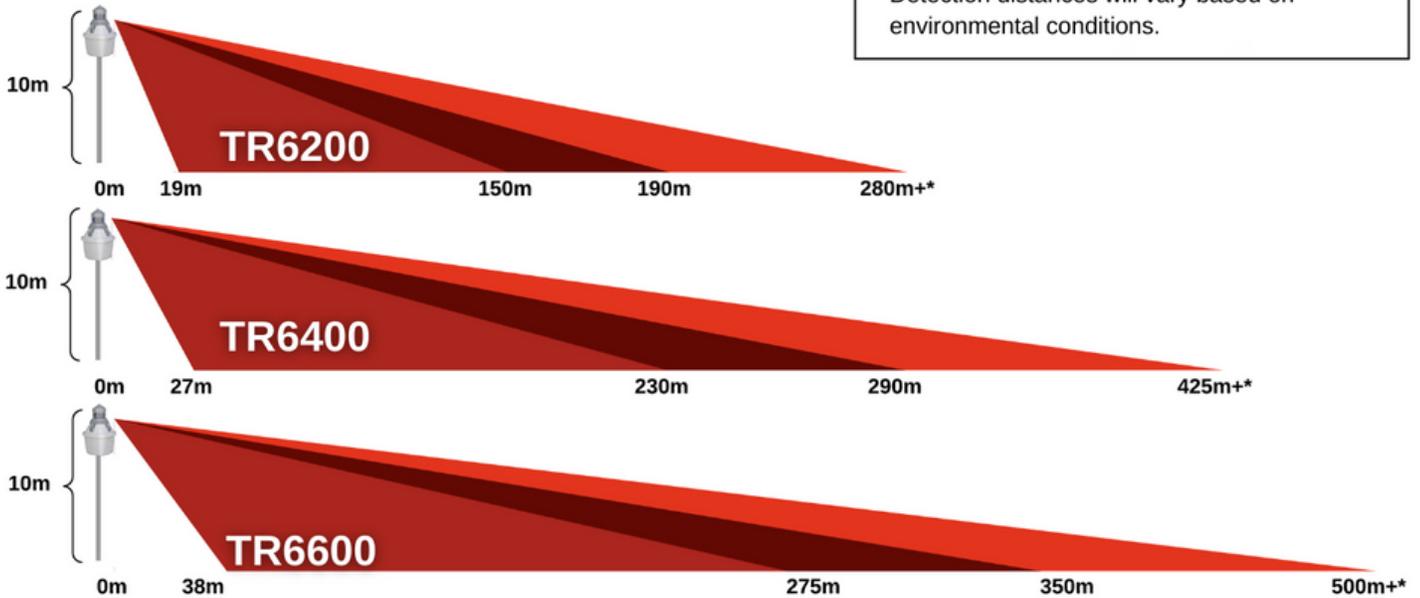
High Confidence Detection Radius

Typical Detection Radius

Long Range Detection Radius

Detection distances will vary based on environmental conditions.

6-Series



sales@thermalradar.com

(801)-762-6800

thermalradar.com

SPECIFICATIONS

3- and 6-Series



THERMAL RADAR™

Visionary Thermal Detection

	3-Series	6-Series
THERMAL IMAGER		
Type	FLIR Boson™, Uncooled VOx Microbolometer	FLIR Boson™, Uncooled VOx Microbolometer
Frame Rate	9Hz/60Hz	9Hz/60Hz
FPA Resolution	320 X 256 pixels	640 X 512 pixels
Image Bit Depth	16-bit thermal infrared	16-bit thermal infrared
Lens Focal Length	4.3mm, 6.3mm, 9.1mm	8.7mm, 14mm, 18mm
Configuration	White hot or black hot configurable	White hot or black hot configurable
SPEED AND RESOLUTION		
Rotation Speed	Between 15 and 60 RPM	Between 15 and 60 RPM
Image HFOV	360°	360°
Image VFOV	19.2°, 27.3°, or 40°	19.5°, 25.6°, or 40°
Image Resolution	320 X 256 per station	640 X 512 per station
POWER REQUIREMENTS		
Input Power	IEEE PoE+ (802.3at) – LTPoE++ (90W)	IEEE PoE+ (802.3at) – LTPoE++ (90W)
Input Connection	RJ 45	RJ 45
Power Consumption	<16W, 12W typical	<16W, 12W typical
PROCESSOR AND ANALYTICS		
Processor	Quad Core 64-bit	Quad Core 64-bit
Memory	4GB Ram	4GB Ram
Embedded Analytics	Intrusion and Classification (Security), and Fire Detection	Intrusion and Classification (Security), and Fire Detection
Detection Zones	Configurable areas of interest, exclusions, motion filters, skip stations, and priority zones	
COMMUNICATION/NETWORK SECURITY		
Ethernet	Autoswitch 100 Mbps–1 Gbps	Autoswitch 100 Mbps–1 Gbps
Network Security	HTTPS & TLS with password protection	HTTPS & TLS with password protection
ENVIRONMENTAL		
Operating Temperature Range	-40° to + 60° C	-40° to + 60° C
Storage Temperature Range	-40° to + 85° C	-40° to + 85° C
Protection Standard	IP67	IP67
PHYSICAL		
Dimensions	5.75" (W) X 7.075" (H) (146 mm X 197mm)	5.75" (W) X 7.075" (H) (146 mm X 197mm)
Weight	<7 lbs. (3 Kilos)	<7 lbs. (3 Kilos)
GENERAL		
PTZ Integration	PTZ Slew-to-Cue commands upon detection	PTZ Slew-to-Cue commands upon detection
VMS Integration	ONVIF compliant RTSP stream, alerts	ONVIF compliant RTSP stream, alerts
Warranty	2 Years	2 Years
VIDEO		
Video Compression & Streaming	H.264	H.264
Resolution	1080p	1080p
Frame Rate	30 FPS	30 FPS
DETECTION RANGE (Environmentally Dependent)		
Human	Up to 250m	Up to 500m
Vehicle	Up to 750m	Up to 1500m
Fire	Up to 2.5km	Up to 5km