



DETECT FAILURES PREVENT PROBLEMS BEFORE THEY OCCUR

INFRARED
INSPECTION
SYSTEMS



Portable Cameras • Fixed Cameras • Custom Solutions and Software

**Innovative Technology to Safely Predict,
Prevent and Monitor Critical Assets 24/7**

PORTABLE CAMERAS

Our engineers have been hard at work developing industry leading infrared monitoring solutions. Our solutions provide efficient and reliable monitoring so that your organization can operate proactively to identify and mitigate maintenance and repair issues in your infrastructure.



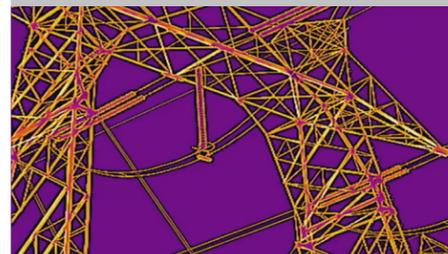
HR1200



HR1000



Ideal for long-distance, overhead transmission line inspection.



HR Series - High Performance Cameras

- 1024x768 and 1280x1024 Thermal Resolution options
- Super resolution technology
- Ergonomic 2 handed design
- Manual/Automatic/Continuous Autofocus
- Auto switching -40°C-650°C temperature range
- Interchangeable lens options
- 16 color palettes
- Advanced measurement and notation features



S640 and S480

S Series

- 480x360 and 640x480 Thermal Resolution options
- Super resolution technology
- Manual/Automatic/Continuous Autofocus
- Auto switching -40°C-650°C temperature range
- Interchangeable lens options
- 16 color palettes
- Advanced measurement and notation features



POC200

- 256x192 Thermal Resolution
- Compact pocket sized
- Laser ranging
- Area calculation
- Auto switching -20°C-550°C Temperature range
- 6 color palettes



L250

- 256x192 Thermal Resolution
- Compact and lightweight
- Long battery life ~ 16Hr
- Powers on in 1 second
- Auto switching -20°C-550°C Temperature range
- 6 color palettes

FIXED/PTZ CAMERAS

Whether you need a mobile unit, or camera that you can “set and forget” we have the solution you are looking for. We keep your business running efficiently and safely with cameras that:

- Are NDAA Compliant
- Feature 8 ROI per 400 Presets for 3200 Measurement areas • Response time ≤30ms
- Include intelligent monitoring features: Perimeter, single line, double line, left object, object removal, loitering, wrong way, entering and leaving area, fire detection, Vehicle and human detection



TC-90 Mini Bi-Spectrum Thermal Card Camera



For tight spaces and high voltage electrical panels and cabinets

- 256x192 Thermal Resolution
- Compact form factor • Easy mounting • Wide angle lens



Bi-Spectrum Bullet Cameras

For critical entry points and assets that need continuous monitoring

- 256x192 and 640x512 Thermal resolution options
- 1920x1080 and 2688x1520 Optical resolution options and Multiple lens options
- Optional SD card storage up to 256GB
- Built in LED lights and speaker



Bi-Spectrum Mini PTZ

Versatile, for both security and condition monitoring

- 640x512 Thermal Resolution
- 2592x1520 Optical Resolution
- 25mm and 50mm lens options
- 30x Optical Zoom
- Small footprint



Bi-Spectrum Long Range, Vari-Focal, and Extended Vari-Focal

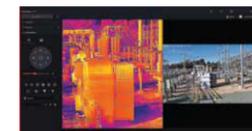
- 640x512 Thermal resolution
- 2592x1520 Optical Resolution
- Fire and human detection up to over 2 miles away
- Vehicle detection up to over 6 miles away



Thermal Box Camera Core

For manufacturing and process control

- 640x512 Thermal resolution
- Small form factor
- Multiple fixed and motorized lens options



Software included, automatic updates and no licensing fees!

CUSTOM SOLUTIONS

We will work with you to build a robust all-in-one solution, and beyond optional short or long-term maintenance and upkeep costs, once you buy it you own it - no strings attached. From scopes as small as circuit component monitoring to full-scale grid safety and security systems, our team looks forward to solving your thermal monitoring needs.

Mobile Inspection Unit (MIU)

- Real 24/7 Alarms & Reporting from any remote location
- Suitable for long-term position monitoring and off-road/off-grid usage.
- Thermal and optical bi-spectrum networking positioning system, capable of fire/smoke, line crossing, intrusion and region entrance & exit detection from up to 1 mile away.



Vehicle Mounted System Kit

- Truck rack includes flood light and anti-vibration PTZ camera mount, allowing low light and on the go condition monitoring.
- Stable video feed up to 35 mph.
- Included monitoring software allows connection to camera with local computers or tablets for increased productivity.



Grid Safe System

- Stationary skid, Ideal for long distance/wide range monitoring, utilizing a strong wind resistant mast and IP66 anti-freeze ruggedization.
- 12 patrols and up to 32 presets per scan, combined with automated alerts, for 24/7, rain or shine monitoring, without an operator.



INFRARED INSPECTION SYSTEMS

Ask us how our 35+ years experience can find the right solution for your business.

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