

TNC20 Dual Vision Network Ready Camera

TNC20 combines visible and thermal cameras in a compact housing that is ideally suited for enclosed spaces. The 160 x 120 thermal array is calibrated for industry-leading temperature accuracy. The thermal resolution is digitally enhanced and can be blended with 3 modes of visible light fusion for superior image clarity. The wide 57° field of view (and 90° option) achieves large monitoring coverage in small areas. This camera offers a flashlight function that allows remote visual inspection in dark spaces. Additionally, the TNC20 can be equipped with optional wireless contact sensors to measure temperatures outside of the direct line of sight of the camera.

Dual Optic Sensors Enhance Infrared Detection

The sensors use dual optics designed to work at different wavelengths within the infrared spectrum. This combines fast detection times with excellent immunity against potential false alarm sources. An end-of-line connector is usually installed at the end of each hazard channel, which can comprise up to five optical detectors linked together to allow continued system monitoring. Following detection, an alarm signal is sent to the Troman controller.



Camera Advantages

- ▶ **Dual Vision:** Offers both thermal and visible imaging for unmatched awareness.
- ▶ **User-Friendly Interface:** Full-featured web interface.
- ▶ **On-Edge Analytics:** Keeps monitoring active even during network outages.
- ▶ **Alert Recordings:** Captures crucial images in both thermal and visible during alerts.
- ▶ **Removable Storage:** Large-capacity TF card for extensive on-camera storage.
- ▶ **Reliable Alarms:** Multiple communication channels ensure alerts are always received.
- ▶ **Responsive Alerts:** Features both immediate and early warning alert modes.
- ▶ **Image Fusion:** Combines thermal and visible images for superior detail.

- ▶ **Targeted Monitoring:** Allows setting up to 12 specific monitoring areas with alarms.
- ▶ **Comprehensive Alarms:** A Wide range of alarm settings for precise information delivery.

Simple Integration

- ▶ **Sleek Design:** Low-profile housing fits in small areas.
- ▶ **API Access:** Full-feature RESTful API for easy integration.
- ▶ **Modbus Support:** TCP Modbus interface for seamless system communication.
- ▶ **Alarm I/O Relays:** Dual I/O relays enhance alarm functionality.
- ▶ **Powerful visible LED:** Illumination for dark spaces
- ▶ **Wireless Sensors:** Optional add-ons for detailed temperature measurements.

TNC100 Dual Vision Network Ready Camera

Designed for 24/7 thermal monitoring of all your critical assets. **TNC100** combines visible and thermal cameras into a durable housing that is suitable for both indoor and outdoor applications. The 256 x 192 thermal resolution of this camera is digitally enhanced and offers blending with 3 modes of fusion with visible light to provide superior image clarity. The wide 57° field of view is ideal for large monitoring coverage over moderate distances. This camera comes equipped with a fault relay switch to ensure failsafe operation in critical monitoring applications.

Advanced Analytics Power Reliable Performance

Our cameras run the most advanced analytics and ensure that your asset monitoring and fire safety solutions are the best in the industry. Our cameras are built to the highest standards of performance to provide reliable operation under harsh environmental conditions. Our communication protocols are designed for ease of integration with existing hardware and software solutions.



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- ▶ **Targeted Monitoring:** Allows setting up to 12 specific monitoring areas with alarms.
- ▶ **Comprehensive Alarms:** A Wide range of alarm settings for precise information delivery.
- ▶ **Safety Features:** Advanced area security functions to protect human safety.

Simple Integration

- ▶ **User-Friendly Interface:** Access full features via web interface.
- ▶ **API Access:** Full-feature RESTful API for easy integration.
- ▶ **Modbus Support:** TCP Modbus interface for seamless system communication.
- ▶ **Alarm I/O Relays:** Dual I/O relays enhance alarm functionality.
- ▶ **Night Illumination:** Powerful IR light for visible night vision.