

X10 TMDS “Thermal Monitoring Detection System”

Specifications and FAQ's

Thermal Camera

Mx6 system platform 2nd generation, with MxBus, H.264 and ONVIF compatibility
Fixed premium thermal image sensor with an NETD of 50 mK
Thermal Radiometry For measurable added value: calibrated thermal image sensor
Thermal field of view: 45°, 25° or 17°
Additional image sensor 6mp 45°, 25° or 17°
Recording on an internal MicroSD card (4GB as standard)
Integrated microphone and speaker
ActivitySensor can also be used in total darkness
PoE thermal camera with a power consumption of < 10 W

CPU

Intel NUC Mini PC Microsoft windows 10 professional 64bit
Intel Celeron J3455 Quad-Core 1.5GHz With Turbo Boost Up to 2.3GHz,
2MB Cache 8GB DDR3L 1600MHz, 128GB Solid State Drive SATA III
Intel HD Graphics 500, Wifi, Bluetooth 4.2, Gigabit Ethernet, 4k Support, Card Reader, Dual Monitor
Capable Windows 10 Professional 64Bit, 4 x USB 3.0 Type-A, 1x HDMI, 1x VGA, 1x
Headphone/Microphone Combo

Monitor (front and rear)

Display Size (in.): 24 Viewable Area (in.): 23.8 Panel Type: IPS Resolution:
1920 x 1080 Static Contrast Ratio: 1,000:1 Dynamic Contrast Ratio: 80M:1
Light Source: LED Brightness: 250 cd/m2 Colors: 16.7

CART

78"H Mobile Unit with VESA Mount, Black
This complete workstation includes a center post, work surface. All steel surfaces
include a rugged, attractive powder coat finish.



Frequently asked questions

1. **What is included with the thermal temperature monitoring system?**
 - a. Thermal Camera
 - b. 6MP Optical Camera
 - c. CPU with Microsoft windows 10 professional 64bit
 - d. 24-inch 1080p LED monitor
 - e. Keyboard & Mouse
 - f. CART Overall Unit size 12-1/2" W X 22-1/2"D X 62-3/4" H
 - g. Power strip with surge protection
 - h. 6-port POE+ network switch
 - i. LTE WAN network used for remote support and notifications
 - j. 2hr UPS back up battery
2. **What is required once unit is delivered**
 - a. Customer shall provide 120v power outlet
3. **Can the unit be used outside?**
 - a. It is recommended that the system is used in a temperature-controlled environment when utilized for human temperature monitoring. Accuracy and performance are at it best when used in a room at temperatures between 70-75 deg F
4. **What are other uses for the thermal camera?**
 - a. Detect high temperatures for process control equipment.
 - b. Detect heat signatures in total darkness for perimeter detection.
 - c. Monitor heat signatures in bearing & moving parts.
 - d. Monitor heat signatures in Switch Gears, Transformers, Circuit Breakers & Transmission lines.
 - e. Use for Fire Detection
5. **What support is available?**
 - a. iS3 has included 8hrs annual remote support
 - b. 1yr of cellular is included (Plan includes 2 GB per month)
6. **Does the unit require calibration or a black body?**
 - a. Camera performs self-calibration due to its built-in temp sensor probe, no black body required
7. **What is the distance required to perform accurate human temperature monitoring?**
 - a. It is recommended that people are within 4-12ft from camera.
8. **What is the warranty?**
 - a. 1yr warranty is included
9. **Is this a medical device?**
 - a. No, this tool is used for temperature monitoring only. We recommend using a medical grade thermometer for secondary verification.
10. **Is training needed?**
 - a. User manual is included. iS3 has included 4Hrs of remote support and setup assistance.