

Thermal Detection Screening System





Midas Touch



Thermal Detection Screening System

Key Features

- **Real-time fever detection**
- **Fast temperature measurement**
- **High-temperature accuracy**
- **Non-contact detection**
- **Only measures facial temperature**
- **Environment calibration**



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SDK Support

- **Human form recognition**
- **Human forehead recognition**
- **Temperature Display**
- **Detection Alerts**
- **Temperature offset calibration options**



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Magnetic suspension

Easy installation, Setup and Optimization

- **One stop fever detection total solution**
- **Combine Thermal imager with HMI**
- **Adjustable angel for maximum flexibility**
- **High accuracy detection with blackbody**



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Tripod erection

Thermal imager can help reduce physical contacts on screening

- **Easy installation and calibration process, suitable for different applications**
- **Advanced fever detection software included**
- **Intuitive user interface, touch screen and physical buttons**



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Thermal Sensor

- Effective Frame Rate : 8.6 Hz (commercial application exportable)
- Input Clock : 25-MHz nominal, CMOS IO Voltage Levels
- Output Format : User-selectable 14-bit, 8-bit (AGC applied), or 24-bit RGB (AGC and colorization applied)
- Pixel Size : 17 μm
- Radiometric Accuracy : High gain: Greater of +/- 5°C or 5% (typical) Low gain: Greater of +/- 10°C or 10% (typical)
- Scene Dynamic Range : -10-140 °C (high gain); up to 450°C (low gain) typical
- Spectral Range : Longwave infrared, 8 μm to 14 μm
- Temperature Compensation : Automatic. Output image independent of camera temperature.
- Thermal Sensitivity : <50 mK (0.050° C)

Front View



Top View



Back View



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Blackbody





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<https://www.midastouchinc.com/product/thermal-fever-detection-system/>



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www.midastouchinc.com

