

# MSite Temperature Screening

## Technical Specification

<b>Temperature Accuracy</b>	$\leq \pm 0.5^{\circ}\text{C}$ (0.9°F)*/ $\pm 0.3^{\circ}\text{C}$ (0.5°F)** *For $\pm 0.5^{\circ}\text{C}$ accuracy, use the device: <ul style="list-style-type: none"><li>• In recommended ambient temperature (10°C to 35°C or 50°F to 95°F)</li><li>• 90 minutes after turning on for self-calibration</li></ul> **According to KOLAS (Korea Laboratory Accreditation Scheme) calibration certificate.
<b>Max Resolution</b>	120 x 160 (19,200 pixel)
<b>Frame Rate</b>	25fps
<b>NETD</b>	$\leq 50$ mK (@25°C, F# = 1.0)
<b>Field of View</b>	37.2° x 50° (H x V)
<b>Temperature Range</b>	30°C to 45°C
<b>Temperature Distance</b>	50 cm-130 cm
<b>Interface</b>	USB
<b>Operating Temperature</b>	0°C to 50°C

## Limitations

### Disclaimer

MSite products cannot be used to diagnose any medical condition. MSite Thermal cameras can only identify individuals with skin temperature higher than a preset figure but should not be solely or primarily relied upon to diagnose or exclude a diagnosis of COVID-19, or any other illness.

The accuracy of temperature readings can be impacted by various environmental conditions such as temperature, exposure to sunlight and exposure to windy conditions. The unit should be installed internally in a wind free environment.

Please ensure Temperature Screening module is installed in an indoor and windless environment.