



THERMAL AND FACE RECOGNITION SOLUTIONS




THERMAL AND FACE RECOGNITION PRODUCT CATALOG

2M's temperature measurement devices provide safe and efficient temperature screening to minimize the risk of infection. Our thermal line includes instant temperature detectors and thermal imaging cameras that are capable of mass-screening. We also provide multi-use thermal products, such as our walk-through metal detector gates with temperature screening and our face recognition access control terminals that detect temperature and mask usage.



THERMAL CAMERA DETECTORS




IMAGE	MODEL NUMBER	SHORT DESCRIPTION	DESCRIPTIONS
	2MTHWS-60	<p>Bi-spectral Infrared Body Temperature Fast Screening Instrument Scanning multiple faces at the same time</p> <p>Complete Kit Includes</p> <ul style="list-style-type: none"> • Bi-spectrum thermal camera • Blackbody • Two tripods or Ceiling/Wall Mounts • Fever detection software 	<p>Bi-spectral Thermal Detection Camera system for crowd monitoring within 15-30 ft. distance. Instant alerts of high fever people. Scanning 20 faces within 0.2 seconds. Scanning up to 100 faces per minute.</p> <p>Thermal imaging function:</p> <ul style="list-style-type: none"> - Resolution 384 × 288, high sensitivity detector - Highest temperature cross cursor positioning - Supporting points, lines, rectangles, and irregular area temperature measurement modes - Alarming abnormal Human body temperatures - Automatic capturing of moving face targets - Supporting mask-wearing to identify faces avoiding any false alerts such as non-face high-temperature objects <p>Visible light phase function:</p> <ul style="list-style-type: none"> - 500W high-definition visible light detector - Supporting automatic exposure control and automatic white balance - Supporting face temperature measurement mode, intelligently analyzing face targets and measuring body temperatures, supporting multiple alarm linkages - Dual light temperature measurement linkage drawing regular and superimposed temperature measurement information on visible light image <p>Weight: 15 lbs</p> <p>Demo video URL: https://www.youtube.com/watch?v=zGcKUjBhb-U</p>
	2MTHBB-3828-II	<p>Interactive Two Way Audio Bi-Spectral Infrared Body Temperature Fast Screening Instrument</p> <p>Complete Kit Includes</p> <ul style="list-style-type: none"> • Bi-spectrum thermal camera • Blackbody • Two tripods or Ceiling/Wall Mounts • Fever detection software 	<p>Bi-Spectral Thermal Detection Camera system for crowd monitoring of a distance between 3-15 Feet. Instant alerts of any person with high fever. Scans 20-30 faces within 0.2 seconds. Scans up to 100 faces a minute.</p> <p>Thermal imaging function:</p> <ul style="list-style-type: none"> - 4 Megapixel resolutions IP Camera - One IP address two channels - Thermal imager with effective pixels 384x288 - WDR 120DB - Two Way Audio - Sensitivity <40mK - Thermal: 6mm Fixed lens, Visible: 2.7-12mm motorized lens - Accuracy 0.3°C Body detection, up to 30 Targets - Response Time 30ms - 17 color control - Field of view distance 15-30Feet Temperature accuracy 0.3°C/ 0.5°F
	2MTHBB-4030	<p>Bi-Spectral Infrared Body Temperature Fast Screening Instrument</p> <p>Complete Kit Includes:</p> <ul style="list-style-type: none"> • Bi-spectrum thermal camera, • Blackbody • Two tripods or Ceiling/Wall Mounts • Fever detection software 	<p>Bi-Spectral Thermal Detection Camera system for crowd monitoring within 5-15 ft. distance</p> <ul style="list-style-type: none"> - Instant alarming high-fever people - Scanning 20-30 faces within 0.2 seconds - Scanning up to 100 faces per minute - On-board temp-detection algorithm - One IP address two channels - Effective pixels: 400×300 - Sensitivity: 40mK - Thermal: 8mm Fixed lens, Visible: 2.7-12mm motorized lens - Accuracy: 0.3°C Body detection, up to 30 targets Response time: 30ms - 17 colors control - Field of view distance: 15-30 ft. - Temperature accuracy: 0.3°C/ 0.5°F <p>Weight: 12 lbs</p>

FACE RECOGNITION AND TEMPERATURE MEASUREMENT




IMAGE	MODEL NUMBER	SHORT DESCRIPTION	DESCRIPTIONS
	2MTHPH-1612	Portable Thermal Imager	<p><i>Bi-spectral thermal reader with software connecting via USB for real-time human temperature scanning</i></p> <ul style="list-style-type: none"> - 2.8" TFT screen - Infrared resolution: 160x120 - Frame frequency: 9Hz - Temperature measurement range: 30°C~45°C - Accuracy: ±0.5°C - Photographed function and SD card storage - PC software analysis - Point temperature measurement - Type-C USB interface for lithium battery charging - 1/4" tripod mounting hole <p>Weight: 3 lbs</p>


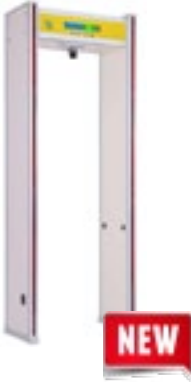

FACE RECOGNITION AND TEMPERATURE MEASUREMENT




IMAGE	MODEL NUMBER	SHORT DESCRIPTION	DESCRIPTIONS
	2MTHFR-2M	Face/Mask Recognition Access Control Terminal With Digital Forehead Temperature Measurement Module	<ul style="list-style-type: none"> - Non-contact Forehead temperature detection within up to 3 ft. away distance - Alarming abnormal body temperature - Notifications via email of high-temperature fever with a snapshot of that person - Temperature accuracy of 0.3°C to 0.9°F - Device auto-calibration of the surrounding environment - Recording up to 10,000 employee faces to match and grant/deny access, up to 6 photos per user - Fastest face recognition scanner in the market scanning with 0.2 seconds - Wide dynamic range ensuring background light compensation for better temperature & reading and face identification accuracy - Two-way audio supporting remote live video & monitoring back to control station to provide audible direction to that person being scanned anti spoofing: deep learning using artificial intelligence algorithms to protect from using false videos or pictures. <p>Weight: 9 lbs</p> <p>Demo video URL https://www.youtube.com/watch?v=mvnUsge-Mwk</p>
	2MWTK	Face/Mask Recognition Access Control Terminal With Digital Wrist Temperature Measurement System Kit"	<ul style="list-style-type: none"> - Non-contact wrist temperature measurement - Alarming people with abnormal body temperatures - Notifications via email of high-temperature fever with a snapshot of that person - Temperature accuracy of 0.3°C to 0.9°F - Device auto-calibration of the surrounding environment - Recording up to 10,000 employee faces to match and grant/deny access, up to 6 photos per employee - Fastest face recognition scanner in the market scanning within 0.2 seconds - Wide dynamic range ensuring background light compensation for better temperature reading and face identification accuracy - Two-way audio supporting remote live video monitoring back to control station to provide audible direction to that person being scanned anti spoofing: Deep learning using an artificial intelligence algorithm to protect from using false videos or pictures <p>Demo video link: https://www.youtube.com/watch?v=Er5XgsRThd8</p> <ul style="list-style-type: none"> - Wide dynamic range ensuring background light compensation for better temperature reading and face identification accuracy - Two way audio supporting remote live video monitoring back to control station to provide audible direction to that person being scanned anti spoofing: Deep learning using artificial intelligence algorithm to protect from using false videos or pictures <p>Demo video link: https://www.youtube.com/watch?v=Er5XgsRThd8</p>

	<p>2MTHR-MINI</p>	<p>Mini Face Recognition Module with non-contact Forehead Temperature Screening</p>	<ul style="list-style-type: none"> - Built-in deep learning dedicated chip, supports local off-line recognition, up to 10,000 face storage capacity, face whitelist (1:N) - WDR, 2MP (1080P) low illumination wide-angle camera and F1.6 large aperture lens for capturing high quality image with various complex lighting scenes - Face and people metering for fast adapting to ambient light - Screens sleep mode, keep the minimum brightness to prevent glare at night - Adds up to 6 photos of the base library for a single person - Video capture, support ONVIF protocol - Supports face, card, password and QR code authentication to control door open - Built-in 4G EMMC front end storage, stable and reliable, up to 30,000 events capacity (with images) - Tamper protection, support door open timeout and time exceed alarm function to keep door opening during fire alarm active - Audio prompts - APP alarm notification
	<p>2MWTK-MINI</p>	<p>Mini Face Recognition Module with non-contact Wrist Temperature Screening</p>	<ul style="list-style-type: none"> - Built-in deep learning dedicated chip, supports local off-line recognition, up to 10,000 face storage capacity, face whitelist (1:N) - WDR, 2MP (1080P) low illumination wide-angle camera and F1.6 large aperture lens for capturing high quality image with various complex lighting scenes - Face and people metering for fast adapting to ambient light - Screens sleep mode, keep the minimum brightness to prevent glare at night - Adds up to 6 photos of the base library for a single person - Video capture, support ONVIF protocol - Supports face, card, password and QR code authentication to control door open - Built-in 4G EMMC front end storage, stable and reliable, up to 30,000 events capacity (with images) - Tamper protection, support door open timeout and time exceed alarm function to keep door opening during fire alarm active - Audio prompts - APP alarm notification
	<p>2M-TFS</p>	<p>Terminal Floor Stand used for 2MWTK or 2MTHFR-2M</p>	<ul style="list-style-type: none"> - Material: Stainless Steel - Dimensions (L×W×H): 280mm×222mm×1158mm - Protection Level: IP 54 - Application Situation: Outdoor & Indoor <p>Weight: 6.85kg /16 lbs</p>

NON-CONTACT HUMAN FEVER DETECTORS

IMAGE	MODEL NUMBER	SHORT DESCRIPTION	DESCRIPTIONS
	2MTHWT	Human Body Temperature Measurement Guiding Gate - 1 Sensor	<p>Single function walk-through human body temperature Gate with 18 zones & single temperature wrist sensor.</p> <ul style="list-style-type: none"> - Displaying temperature on the header panel - Detecting human body temperature measurement - Easy to set up and use - Temperature measurement with human wrist or forehead - Temperature measurement distance: 2-10 inches - Accuracy Reading: <math><0.2^{\circ}\text{C}</math> / <math>0.5^{\circ}\text{F}</math> - Non-contact detection avoiding cross-infection - Safe for pregnant women, & people with hearing aids and/or pacemakers <p>Demo video URL: https://www.youtube.com/watch?v=DO1-n2nJf0A</p>
	2MTHWT-1	Human Body Temperature Measurement Guiding Gate - 2 Sensors (Wrist & forehead)	<p>Single function walkthrough human body temperature (wrist) temperature reader</p> <ul style="list-style-type: none"> - Displaying temperature on the headboard - Detecting human body temperature & Metal - Temperature can be measured on the wrist or forehead - Non-contact detection avoiding cross-infection - Easy to set up and use - Temperature measurement distance: 2-10 inches - Accuracy Reading: <math><0.2^{\circ}\text{C}</math> / <math>0.5^{\circ}\text{F}</math> <p>Weight: 145 lbs</p> <p>Demo video URL: https://www.youtube.com/watch?v=DO1-n2nJf0A</p>
	2MTHWT-HMD	Human Body Temperature Measurement Metal Security Gate - 1 Sensor (Wrist)	<p>Dual function walk-through metal detector with 18 zones and dual-sensor (wrist) temperature reader</p> <ul style="list-style-type: none"> - Displaying temperature on the header panel - Detecting human body temperature & metal - Easy to set up and use - Measuring Temperature with human wrist or forehead - Temperature measurement distance: 2-10 inches - Accuracy Reading: <math><0.2^{\circ}\text{C}</math> / <math>0.5^{\circ}\text{F}</math> - Non-contact detection avoiding cross-infection - Safe for pregnant women, & people with hearing aids and/or pacemakers - Wheelchair accessible <p>Weight: 145 lbs</p> <p>Demo video URL: https://www.youtube.com/watch?v=DO1-n2nJf0A</p>

	<p>2MTHWT-HMD-1</p>	<p>Human Body Temperature Measurement Metal Security Gate Has 2 Sensors</p> <p>- 2 Sensors: Head & Wrist</p>	<p>Dual function walk-through metal detector with 18 zones and dual sensors (forehead, wrist) temperature screening</p> <ul style="list-style-type: none"> - Displaying temperature on the headboard - Detecting human body temperature & Metal - Temperature can be measured on the wrist or forehead - Easy to set up and use - Temperature measurement distance: 2-10 inches - Accuracy Reading: <0.2°C / 0.5° F - Non-contact detection to avoid cross-infection <p>Weight: 145 lbs</p> <p>Demo video URL: https://www.youtube.com/watch?v=-DKUmQfIMU</p>
	<p>2MTHWT-HMD-IV</p>	<p>Swift Body Temperature Scanner & Metal detector Security Gate Using Thermal Imaging for faster scanning</p> <p>-Scans 50 people per minute</p>	<p>Dual function walk-through metal detector with 18 zones and dual sensors (forehead, wrist) temperature screening</p> <ul style="list-style-type: none"> - Displaying temperature on the headboard - Detecting human body temperature & Metal - Measuring temperature with human wrist or forehead - Non-contact detection to avoid cross-infection - Easy to set up and use - Temperature measurement distance: 2-10 inches - Accuracy Reading: <0.2°C / 0.5° F <p>Video Demo URL: https://www.youtube.com/watch?v=DO1-n2nJf0A</p>
	<p>2MTHWT-HMD-II</p>	<p>Human Body Temperature Measurement Metal Security Gate</p> <p>- Wrist & Face recognition temperature reader and mask guide terminal</p>	<p>Dual function walkthrough metal detector with 18 zones and dual-sensor (forehead, wrist) temperature reader</p> <ul style="list-style-type: none"> - Displays temperature on the top panel & the terminal - Detects body temperature & metal objects - Easy to set up and use - Wrist temperature reader module - Temperature measurement distance: 2-4 (cm)/0.8"-1.6" (in.) - Accuracy Reading: <0.2°C/0.5°F - Non-contact detection to avoid cross-infection - Easy to set up and use - Safe for pregnant women & people with hearing aids and/or pacemakers - Wheelchair accessible <p>Video Demo URL: https://www.youtube.com/watch?v=DO1-n2nJf0A</p>

	<p>2MTHWT-HMD-III</p>	<p>Body Temperature Measurement Metal Security Gate</p> <ul style="list-style-type: none"> - 2 Sensors - Forehead temperature screening - Mask & Face recognition 	<p>Dual function walk-through metal detector with 18 zones and dual sensors (forehead, wrist) temperature screening</p> <ul style="list-style-type: none"> - Displays temperature on the panel & terminal - Detects body temperature measurement & metal objects - Easy to set up and use - Measures temperature on forehead - Temperature measurement distance: up to 1m/3' ft, with a margin of error <0.5°C - Non-contact detection to avoid cross-infection - Safe for pregnant women, & people with hearing aids and/or pacemakers - Wheelchair accessible <p>Demo video URL: https://www.youtube.com/watch?v=DO1-n2nJf0A</p>
	<p>2MITD</p>	<p>Instant Thermal Detector</p>	<ul style="list-style-type: none"> - Mini size, lightweight, and easy to install - MELEXIS infrared sensor imported from Belgium is adopted, assuring high precision and stable quality performance. - Continuously measures body temperature of people close by with built-in high-precision micro-dynamic infrared body temperature monitors. - Complete temperature measurement within 1 second to ensure traffic efficiency. - The measurement distance is 1-20cm, no contact is required, and infection is avoided. The inspector does not need to be close to the inspected person but monitor remotely to avoid the risk of contact or close. - Use STM highly intelligent start temperature measurement program to prevent false alarm caused by high temperature and direct sunlight - Real-time voice is triggered with the result: "Normal temperature", or over if over the set value, "Please check again". - Large font bright digital tube display, show the temperature measurement result. <p>Demo video URL: https://www.youtube.com/watch?v=irrenS8rXKs</p>
	<p>2MITD-2</p>	<p>Standing Human Body Temperature Screening System</p>	<ul style="list-style-type: none"> - Non-contact measurement on wrist, helps prevent cross infection. - Real-time alarm & quick detection of abnormal temperatures - High accuracy - Measurement deviation is less than or equal to 0.3°C - Measurement distance is between 1- 4cm/0.4 - 1.6" (in.) - Real-time display of measured temperatures, normal and abnormal temperature counts on the LCD screen. - Stainless steel bracket - An adjustable pole can be set at two different heights. <p>Demo video URL: https://www.youtube.com/watch?v=1e5ZXuKh3yU</p>



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