

## MEDICAL PRODUCTS CATALOGUE





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## MICROTECH OVERVIEW

MicroTech, a successful and experienced Certified and Verified, Service-Disabled Veteran-Owned Small Business (SDVOSB), offers quality products and services through a number of prominent Government-wide Acquisition Contracts (GWACs), Indefinite Delivery/Indefinite Quantity (IDIQ) contracts, Blanket Purchase Agreements (BPAs), and Basic Ordering Agreements (BOAs). MicroTech specializes in the delivery, design, implementation, operation, and administration of government and corporate medical supplies and medical IT environments. We are committed to organizational excellence.

Our processes are built on a foundation of an ISO 9001:2008-certified Quality Management System (QMS), ISO/IEC 20000-1:2011-certified IT Service Management, ISO/IEC 27001:2013-certified Information Security Management System, 20243-1:2018 Information Technology – Open Trusted Technology Provider™ Standard (O-TTPS) and CMMI L3 Appraised for both Services and Development. The medical equipment we offer with our partners meet all CDC, NIOSH, ANSI, FDA, USPHS and OSHA standards. We provide robust leasing & financing capabilities that enhance the budget needs of Government organizations and give agencies the ability to shift from using Capex funds to easily budgeted and obtainable Opex funding, that allows for a pay as you go or as a Service Model.

MicroTech is a Minority Business Enterprise (MBE) certified by the National Minority Supplier Development Council (NMSDC). We maintain a Top-Secret facility clearance and our financials have been audited by the Defense Contract Audit Agency (DCAA) and are DCAA Compliant.

## PPE CATALOGUE

As we all continue to navigate the COVID-19 pandemic together, we want to reassure you of MicroTech's continued support to your organization today, tomorrow, and in the weeks and months ahead. We're working quickly to deliver resources that will help your agency now and in the future. We know Personal Protective Equipment (PPE) is such a critical area of need and we've asked the network suppliers of MicroTech to give you access to their PPE inventories

during this pandemic.

The Below Technical Data Package (TDP) Identify/recommend specific products available or specific products that could be available in the near term that can meet the requirements of PPE requirements to protect against the COVID-19 virus.

## FEVER DETECTION SYSTEMS

MicroTech in partnership with our technology partners OneScreen and Thermal Safety Systems provide fever detection systems (FDS). These systems can be set up as a stand-alone device or networked via ethernet or wireless configuration. FDS provide agencies the capabilities needed to screen visitors, employees and patrons for elevated temperatures and incorporate this technology to assist with the workforce CDC guidelines for COVID-19.

The Food and Drug Administration has issued guidance expanding the use of telethermographic systems for triage use during the public health crisis. Because fever is a common symptom of the COVID-19 virus, FDA says that telethermographic systems, which convert infrared radiation into body temperature measurement, can be deployed to use for initial triage at high-traffic areas, such as airports, government facilities, warehouses and factories, to provide situational awareness as well as in settings where thermometers may be in short supply.

FDS's can be incorporated into organizations process and procedures recommended by FDA for screening of individuals to access or prevent access into environments, assist staff with the flow of traffic, monitoring of potential COVID-19 infected persons, reduce financial burden of hiring additional staff recognizing ROI over time and providing a safe environment for the workforce.

MicroTech can provide a full turnkey solution for FDS technology insertion. We have the expertise to install, train and support organizations with the incorporation of these systems into daily routine during these uncertain times. Also, with MicroTech's Financial Services capabilities we have the ability to provide systems as a service (aaS) and reduce financial complexity by delivering these capabilities billed as a monthly subscription.

## SCRUB AND LINEN MANAGEMENT

Our secure, advanced scrubEx machines provide authorized staff with clean scrubs in the right size. Now staff have the scrubs they need, when they need them improving staff satisfaction and patient care. The linen management staff gain real-time insight into dispenser/receiver fill percentages and receive instant alerts when inventory reaches a pre-determined threshold. While driving efficiency and staff satisfaction, scrubEx also complies with AORN's Guidelines for Perioperative Practice, helping to better prevent and control the risk of infection.

alEx provides secure and fully covered linen eliminating unauthorized users; driving down replacement and processing costs – customers decrease total linen costs by an average of 25%. Restocking alerts are automatically sent to linen management staff when alEx needs attention, increasing nurse satisfaction and eliminating the need to hoard linen in patient rooms. Plus, linen is always covered promoting infection prevention.

## TELEHEALTH SOLUTIONS

Telehealth is a game changer and has emerged as a critical components of the healthcare crisis solution. Telehealth holds the promise to significantly impact some of the most challenging problems of our current healthcare system. The TouchPoint Medical Cart As A Service offering lets you focus on your next critical project, while we manage every aspect of the cart's functionality. Prevent unnecessary downtime. Predictable operating expenses. Free up your employees time. Extend the life of your carts.

## MICROTECH FINANCING

MicroTech Financial Services can help solve even the most complex solicitations by providing financial models all written as Base plus Option Year Proposals that can not only allow you to spread your money over multiple fiscal years, but can also facilitate the ability to use pay for use models as well as using OMA money to acquire the use of technology and gear.



### N95 MASKS

The NIOSH-approved N95 mask is designed to help provide respiratory protection for the wearer. This product has a filter efficiency level of 95% or greater against particulate aerosols free of oil. It is fluid resistant, disposable and may be worn in surgery. It can fit a wide range of face sizes.

This product meets CDC guidelines for Mycobacterium tuberculosis exposure control. As a respirator, it is intended to reduce wearer exposure to certain airborne particles in a size range of 0.1 to >10.0 microns, including those generated by electrocautery, laser surgery, and other powered medical instruments. As a surgical mask, it is designed to be fluid resistant to splash and spatter of blood and other infectious materials; when worn properly and in combination with protective eyewear, it complies with the OSHA Bloodborne Pathogens Standard. It also provides >99% BFE2 against wearer generated micro-organisms.

NIOSH-approved N95 masks provide at least 95% filtration efficiency against solid and liquid aerosols that do not contain oil. This respirator helps protect against certain particulate contaminants but does not eliminate exposure to or the risk of contracting any disease or infection.

Item	Standard	Description	Price	Package	Sizes
N95 Masks	"NIOSH Approved: N95 FDA Cleared for use as surgical mask Helps protect against certain airborne biological particles Fluid resistant and disposable"	Particulate Respirator and Surgi- cal Mask, N95	Minimum order Applies \$5.09	160 EA/Case	1 Size fits all
N95 Masks	"Emergency Use Authorization for Health- care Professionals NIOSH approved for at least 95 percent filtration efficiency against certain non-oil based particles Two-strap design with welded dual point attachment helps provide a secure seal Cushioning nose foam"	Particulate Respirator, N95	Minimum order Applies \$4.09	160 EA/Case	1 Size fits all



### SURGICAL MASKS



A surgical mask is intended to be worn by health professionals during healthcare procedures. It is designed to prevent infections in patients and treating personnel by catching bacteria shed in liquid droplets and aerosols from the wearer's mouth and nose.

Item	Price	Package
Nitrile Gloves	28.67	Box of 50

### FACE SHIELDS



A mask, worn as personal protective equipment, which is typically made of clear plastic, that protects the mucous membranes of the eyes, nose, and mouth during patient-care procedures and activities that carry the risk of generating splashes of blood, body fluids, excretions, or secretions.

Item	Price	Package
Face Shields	133.71	Box of 40



### ISOLATION GOWNS

Isolation gowns are defined by Association for the Advancement of Medical Instrumentation (AAMI) as the protective apparel used to protect healthcare workers and patients from the transfer of microorganisms and body fluids in patient isolation situations. The gown is a two-way isolation that prevents both medical personnel from being infected or contaminated and prevents the patient from being infected.

Item	Price	Package
Single Use Isolation Gown	11.26	Box of 15



### DISPOSABLE APRONS

Plastic protective disposable hospital surgical apron. Good barrier to fluid. Water proof aprons are biodegradable, eco-friendly, comfortable, solid and durable.

Item	Price	Package
Disposable Aprons		



### SANITARY WIPES

Effective against 30 microorganisms in 2 minutes. Fast contact time allows for a quick room turnover. Ideal for daily use in fast-paced environments that require short contact times and broad coverage of microorganisms. EPA-registered intermediate level disinfectant compatible with a broad range of surfaces and equipment in healthcare.

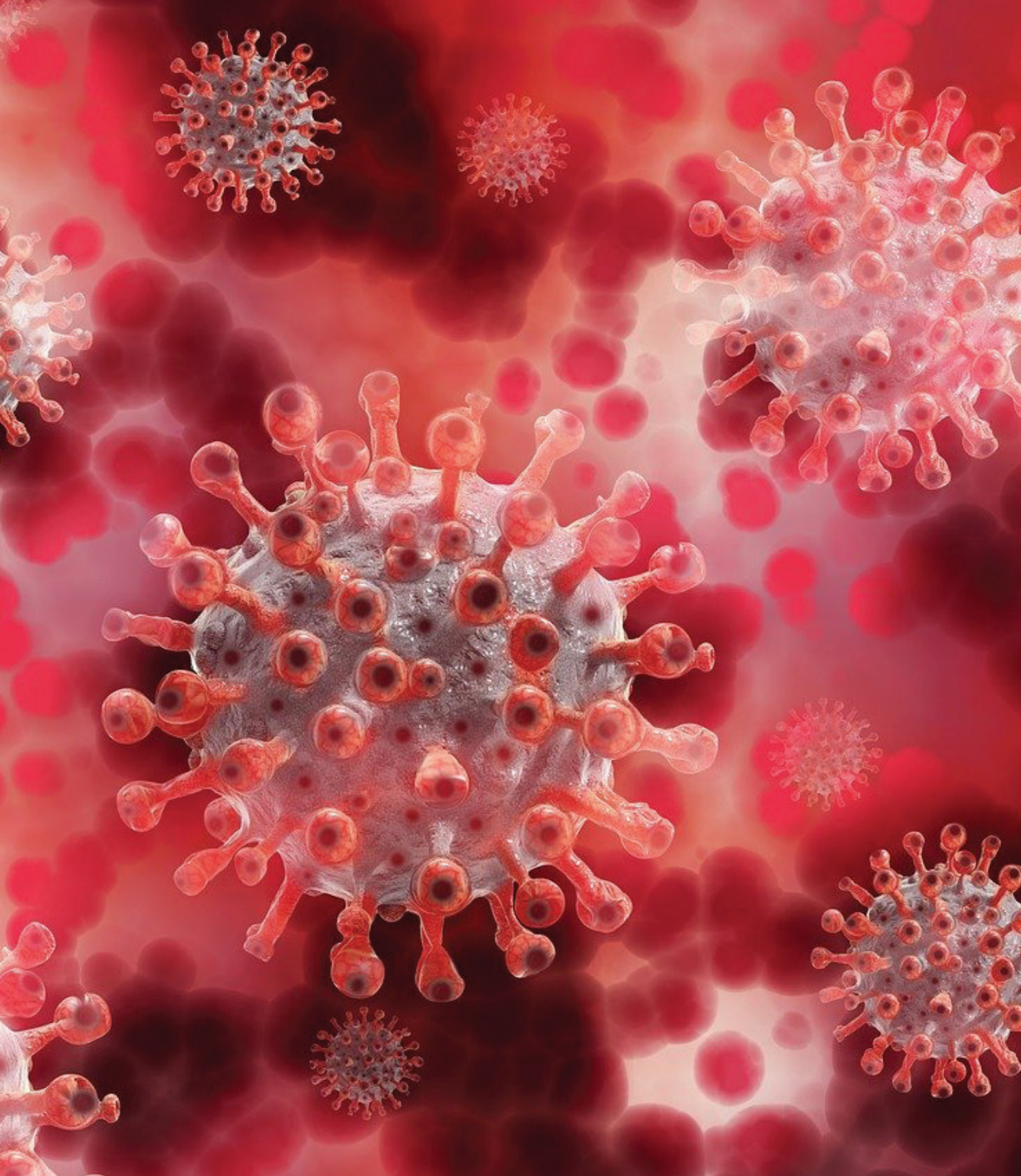
Item	Price	Package
Sanitary Wipes	10.22	Container of 160



### NON-STERILE POWDER-FREE LATEX /NITRILE GLOVES

Nitrile gloves are made from a highly durable synthetic, eliminating the problem of exposure to latex gloves while maximizing protection against acid and base solutions and halogenated organic solvents.

Item	Price	Package
Gloves	13.70	Box of 200



### COVID-19 TESTS



COVID-19 Rapid IgM/IgG Combined Antibody Assay Pre-Screening Kit. 10 minute screening time using just one finger prick of blood. Easy operation without requirement of a medical professional. No special equipment storage or transportation requirements required. Accessible to everyone instantly, nationwide. Fast, no wait time for results and cost-effective.

Item	Price	Package
COVID-19 Tests		

### THERMOMETERS



We offer non-contact infrared forehead thermometers. The non-contact design allows hygienic and convenient measurement. This forehead thermometer is designed with high quality and accuracy, taking accurate temperatures in 1 second. It features a precision sensor, intelligent callibration , abnormal temperature alarm and LCD HD backlit display. The thermometer allows for multi-temperature mode switching.

Item	Price	Package
Noncontact thermometer	84.66	1 device

## Go safely back into public spaces.

Body temperature & facial recognition scanner

### Why GoSafe?

1. Securely scan in less than one second with on-board AI
2. The only scanner with live video assistance for real time entry approval
3. Provides access control integration for automatic doors
4. Centralized management for multiple scanners, data and attendance
5. Free, unlimited help & training



Wall Mount



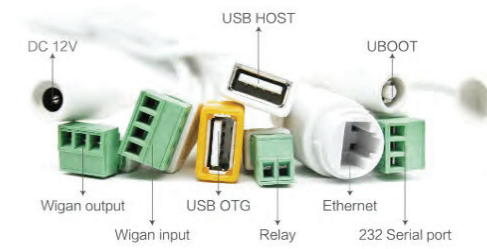
Table Top



Vertical Stand

made with  
**Qualcomm**  
Technologies

OneScreen GoSafe can prevent people with elevated temperature or no mask from entering your offices, schools, hospitals & public spaces.

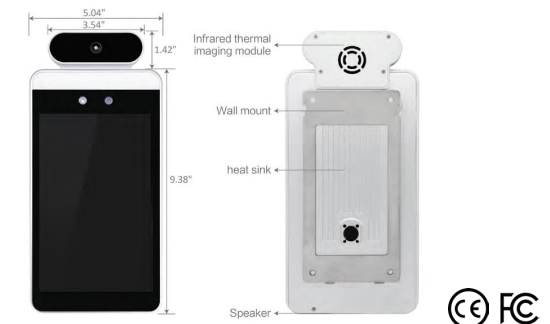


Connect with doors, gates, peripheral devices & network

### ONESCREEN GOSAFE

OneScreen GoSafe temperature & facial recognition display can prevent intruders and people with elevated temperature or no mask from entering your offices, schools, hospitals and public facilities.

OneScreen GoSafe combines a powerful thermal camera and industrial grade binocular wide dynamic camera supported by Qualcomm Snapdragon Octa-Core processor with On-Device Artificial Intelligence.



#### SPECIFICATIONS

<b>Screen</b>	
Size	8.0" IPS LCD screen
Resolution	800x1280
Design	Industrial-grade, waterproof, dustproof & vandal-proof
<b>Processor</b>	
CPU	Qualcomm Snapdragon Octa-Core Processor
CPU (Optional)	Rockchip RK3288 Quad-Core
System	Android 7.1.2
Storage	EMMC 8 GB
<b>Camera</b>	
Resolution	2 million pixels
Type	Binocular vision wide dynamic camera
Aperture	F2.4
Focusing Distance	19.6" - 60"
White Balance	Auto
Photo Flood Light	LED and IR dual photo flood light
<b>Infrared Thermal Imaging Module</b>	
Temperature Detection	Available
Temperature Detection Distance	3.2' (optimal distance 1.6')
Temperature Measurement Accuracy	±0.9 °F
Temperature Measurement Range	50 °F - 107.6 °F
Thermal Field of View	89.6 x 89.6 °
Elevated Temperature Alarm	Supported (temperature alarm value can be set)
<b>Interfaces</b>	
Network Module	Ethernet (RJ-45) and Wireless (Wi-Fi)
Audio	2.5W / 4R speakers
USB	1 USB OTG, 1USB HOST standard A port

<b>Serial Communication</b>	1 RS232 serial port
<b>Relay Output</b>	1 door open signal output
<b>Wiegand</b>	1 Wiegand 26/34 output and input
<b>Upgrade Button</b>	Supports USB boot upgrade button
<b>Access Control</b>	
<b>Facial Recognition based Access Control</b>	1:1 & N:1 face recognition
<b>Face Mask Detection based Access Control</b>	Available
<b>Elevated Temperature based Access Control</b>	Available
<b>ID Card based Access Control</b>	Optional IC card, S50, NTAG, CPU, DESfire
<b>Barcode Reader based Access Control</b>	Optional Barcode, 2D Barcode & QR Code Reader
<b>Call Receptionist / Security to Grant Access</b>	Available
<b>Call IT / Screen Skills Guru for Support</b>	Available
<b>Face Library</b>	Up to 30,000
<b>Remote Management</b>	
<b>Attendance Tracking &amp; Reporting</b>	Available
<b>User Interface Customization</b>	Available
<b>Remote Device Management</b>	Available
<b>Remote Database Management</b>	Available
<b>Remote Firmware Upgrade</b>	Available
<b>System</b>	
<b>Power</b>	DC 12V
<b>Operating Temperature</b>	0 °F - 140 °F
<b>Power Consumption</b>	13.5W Max
<b>Installation Method</b>	Wall Mount, Table Stand & Floor Stand
<b>Product Size</b>	11.66" x 5.23" x 0.98"
<b>What's in the Box</b>	OneScreen GoSafe, Power Adapter, User Manual



MAIN SPECIFICATIONS	
Model	ThermalScreen™ CA-01
Measuring Range	20°-50°C
Measuring Precision	±0.3°C
Thermal Sensitivity	0.05°C
Measuring Distance	5-7 meters / 16-23 feet
Resolution	384 x 288
Focal length	15mm
Field of View	24° x 18°
Measurement mode	External black body real-time calibration measurement
Video mode	Double-light fusion
Visible camera pixels	200 Megapixels
Optimum measurement channel width	Max 2.5 m
Interface	TCP/IP, UDP, Ethernet
Lifetime	50,000 hours
Data storage	2T hard disk, 3month alarm data storage
Power	AC220V (adaptor provided for AC110v)

**ALL IN ONE THERMALSCREEN™ CABINET CB-01**

Create an instant screening area anywhere with this moveable cabinet which includes built in thermal camera, computer and 21.5" monitor. Simply plug the CB-01 into any 110V electrical outlet and connect accompanying blackbody calibration unit on tripod and the system provides mass fever screening in under 1 second from a safe operating distance of 6-8 meters / 19-26 feet away.

Advanced audio and video alarm configuration allows for a variety of alerting including sound, color, vibration, email, text or fax.

Perfect for temporary screening requirements like events or facilities where ceiling or wall mounted systems aren't feasible due to cabling restrictions.

The ThermalScreen CB-01 comes with a non contact hand held temperature screening device for secondary screening of any individual which was alerted via the primary screening system so operators can verify accuracy of individuals temperature from a safe distance of 3 - 4 ft.



MAIN SPECIFICATIONS	
Model	ThermalScreen™ CA-01
Measuring Range	20°-50°C
Measuring Precision	±0.3°C
Thermal Sensitivity	0.05°C
Measuring Distance	5-7 meters / 16-23 feet
Resolution	384 x 288
Focal length	15mm
Field of View	24° x 18°
Measurement mode	External black body real-time calibration measurement
Video mode	Double-light fusion
Visible camera pixels	200 Megapixels
Optimum measurement channel width	Max 2.5 m
Interface	TCP/IP, UDP, Ethernet
Lifetime	50,000 hours
Data storage	2T hard disk, 3month alarm data storage
Power	AC220V (adaptor provided for AC110v)

**THERMALSCREEN™ CAMERA CA-01**

The CA-01 ThermalScreen™ camera includes a thermal camera head and blackbody calibration unit which can be discreetly mounted on a wall or ceiling in any access point to a facility or positioned on the included tripods to provide fever screening of everyone passing through the cameras field of vision. The system also includes a laptop with fever monitoring software and all cables and connectors required.

The system provides fever screening in under 1 second from a safe operating distance of 5-7 meters / 16-22 feet away. Advanced audio and video alarm configuration allows for a variety of alerting including sound, color and vibration, and notifications can be sent via email, text or fax.

The ThermalScreen CA-01 comes with a non contact hand held temperature screening device for secondary screening of any individual which was alerted via the primary screening system so operators can verify accuracy of individuals temperature from a safe distance of 3 -4 ft.

Add the CA-01 screening system to your existing security protocols to keep your employees and clients safe from any potential cross contamination from febrile individuals.



MAIN SPECIFICATIONS	
<b>Model</b>	ThermalScreen™ Display 55
<b>Scanning</b>	
Performance	real-time, 1 second or less
Mass scans	up to 30 people simultaneously
Temp measurement deviation	±0.2°C
Distance	up to 12 feet
<b>Camera</b>	
Resolution and frame rate	1920*1080 :30 frame
Output image format	MJPEG / YUV2(YUYV)
Interface	USB 2.0
<b>Temperature sensing module</b>	
Resolution	480x360
Lens	90°
<b>Display</b>	
Screen	LED (A type) / Backlight D-LED
Resolution	3840x2160 (FHD)
Lifetime	>50000H

**THERMALSCREEN™ DISPLAY 55**

Show your clients and employees you are serious about workplace safety with the all new ThermalScreen™ Display 55.

Part of our Mid Range Series Cameras mounted onto a moveable stand, this system is able to detect a febrile individual at a distance of up to 12 feet away in less than 1 second. With a resolution of 480 x 360, this system has an accuracy of ±0.2°C and can measure 20-30 people simultaneously. Perfect for facilities with high traffic flow such as mass transportation areas including airports, train and subway stations, large building lobbies or facilities with a large number employees or customers as well as large crowd venues such as concert and sports stadiums.

The system is packaged with a black body calibration unit which can be mounted on wall, ceiling or the included tripod and an impressive 55 inch high definition LED display and moveable stand

Features includes Android 7.1 operating system with six core CPU with 4G DDR4 RAM and 8 GB RAM, with 3G wireless module including Bluetooth and WIFI connections . Built in facial recognition software can support a database of up to 10,000 unique faces and can alert and capture unknown faces in a crowd and even provide alert notifications if it senses a face without a mask.



**THERMAL SAFETY SYSTEMS**



MAIN SPECIFICATIONS	
<b>Model</b>	ThermalScreen™ Lite
<b>Temperature Measurement</b>	
Measuring Range	30~45°C
Measuring Accuracy	0.5°C
Measuring Distance	~2m / ~6 ft
<b>Infrared Camera</b>	
Resolution	256x192
FPS	25hx
Focal Length	3.2mm
Field of View	56° x 42°
F#	1.1
Size	80x80x14.2mm / 3.15x 3.15 x0.5 in
Weight	≤77g / 2.72 oz.
I/O	Mini USB
<b>Tablet</b>	
Battery Life	≥5h (No external power supply)
Tablet OS	Windows 10, 64 bit
<b>Tripod</b>	
Folded Size	540mm / 21 1/4"
Extended Size	560mm / 5' 1"
<b>Environmental Adaptation</b>	
Working Temperature	2~50°C / 35~122°F
Storage Temperature	-20°C~60°C / -4~140° F

**THERMALSCREEN™ LITE**

Fast and accurate, the ThermalScreen™ Lite is your business's first line of defense against the spread of infectious diseases like COVID-19. Utilizing advanced thermal near-infrared sensors, AI enhanced face recognition technology, and easy to use software loaded on a Windows 10 Tablet, the ThermalScreen™ Lite samples multiple points on a person's face to provide extremely reliable temperature readings (within ± 0.5 °C) in under 1 second from a distance of up to 6 feet.

Designed as an all-in-one solution for the purpose of ensuring safe working environments during a pandemic, this system provides protection to yourself, your employees, and your customers from potentially deadly infections by identifying individuals with elevated temperatures or fevers.

Includes automatic audio alarming and records all alarms and images for easy searching.

Applications include but are not limited to retail shops, restaurants, offices, schools with narrow access facilities where individuals can be scanned within a distance of 6 feet from camera.

TELEHEALTH

**TouchPoint**  
MEDICAL

The TouchPoint Medical Cart As A Service offering lets you focus on your next critical project, while we manage every aspect of the cart's functionality. Prevent unnecessary downtime. Predictable operating expenses. Free up your employees time. Extend the life of your carts.



Enhance workflows and drive positive patient experiences with medical carts and monitor wall mounts that help caregivers thrive. Designed for your ever-changing workflows, our comprehensive portfolio of computer wall mounts, medical carts, desk mount monitor arms and services is ready to support your entire facility.



Cisco TelePresence solutions enhance customers' accessibility, flexibility, and scalability in gaining the benefits of global video collaboration. Cisco offers one of the industry's broadest portfolio of telepresence services and solutions, advancing users' business communications and enabling a new way of working that puts people at the center.



Howard Medical offers a complete suite of products to fit your unique needs. Designed to support a wide range of software and hardware, Howard's product line is the perfect choice for creating a Telehealth Program that encompasses a wide range of physician options and supports more areas of practice.





# scrubEx®

## SCRUB MANAGEMENT

The scrubEx slim footprint allows maximum flexibility, enabling the machines to fit in or near most changing rooms, providing a decentralized and accessible approach to scrub distribution.

### Large Volume Dispenser

Serves up to 170 users per day

### Large Volume Receiver

Serves up to 170 users per day

### Medium Volume Combination

Serves up to 85 users per day

### Small Volume Combination

Serves up to 40 users per day

*Machines for jackets and specialty items are available in all three sizes.*

Our secure, advanced machines provide authorized staff with clean scrubs in the right size. Now staff have the scrubs they need, when they need them improving staff satisfaction and patient care. The linen management staff gain real-time insight into dispenser/receiver fill percentages and receive instant alerts when inventory reaches a pre-determined threshold. While driving efficiency and staff satisfaction, scrubEx also complies with AORN's Guidelines for Perioperative Practice, helping to better prevent and control the risk of infection.

### Fast

With a dispense time of 4.8 seconds, scrubEx is faster than looking through an open cart.

### Easy

Physicians, nurses and other staff use current hospital badges to gain access to scrubs.

### Proactive

Real-time status and custom alerts provide insight into size utilization and inventory, improving efficiency and staff satisfaction.



aEx<sup>®</sup>

## LINEN MANAGEMENT

aEx provides secure and fully covered linen eliminating unauthorized users; driving down replacement and processing costs – customers decrease total linen costs by an average of 25%. Restocking alerts are automatically sent to linen management staff when aEx needs attention, increasing nurse satisfaction and eliminating the need to hoard linen in patient rooms. Plus, linen is always covered promoting infection prevention.

### Customizable

aEx machines can accommodate any stocking strategy and are small enough to be placed wherever they are needed. In addition to managing linen, aEx is also a distribution solution for your personal protective equipment (PPE) to guarantee authorized-only access.

### Secure

aEx supports Joint Commission requirements by ensuring linen is always covered and providing access only to authorized personnel.

### Easy

Nurses use current hospital badge to open the door and take what is needed. aEx tracks the amount of linen removed by weight.

### Proactive

Linen staff is notified when inventory is low through customizable text and email alerts.

### Clean

Improve HCAHPS scores with aEx. Linen stored in an open cart or stocked in patient rooms can appear messy and disorganized. Keep patient areas clean with aEx.

ALL SUPPLIED SAFETY AND PROTECTION PRODUCTS  
ARE CERTIFIED BY ONE OR MORE OF THE FOLLOWING  
OFFICIAL CERTIFICATION BODIES.

