

Synergy Clear Thermo Kiosk System



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YOUR CLEARANCE SOLUTION

Synergy Clear Thermo is a non-contact kiosk that automatically reports body temperature, manages access control and creates a comprehensive audit trail. The system leverages patented technologies to provide best-in-class safety and peace of mind for consumers and employees in both public and private premises. It can also augment security measures with an optional facial recognition function.



SYNERGY CLEAR Kiosk Capabilities Include:

- ✓ Non-contact, fully automated kiosk
- ✓ Detects user's body temperature within 2.6 feet of kiosk
- ✓ Reads temperature within approximately 1 second
- ✓ Customizable acceptable temperature thresholds
- ✓ Verbal warning/success message plus LED visual indicators
- ✓ Optional facial recognition to allow entry for evaluated individuals and document temperature readings
- ✓ Access control integration with gates and door access
- ✓ Live video communication on demand with HR, security or health professionals
- ✓ Displays public service announcements, news feeds and other important information
- ✓ Automated hand sanitizer dispenser
- ✓ Occupancy tracking and control
- ✓ API integration to third party bio-metric systems
- ✓ Multilingual (can program with all major languages)
- ✓ Cost: Upfront hardware + monthly software license
- ✓ Optional Services: Installation, software integration, etc..

DIMENSIONS
72" H x 11.280" W x 8.445" D

MICROPHONE

- Frequency sensitivity: 20 Hz to 20,000 Hz (20 kHz)

SPEAKER

- Frequency range: 500 Hz (0.50 kHz) to 20 kHz
- Sound pressure level (SPL) @ 10 cm: 80 dBA

INFRARED NO-TOUCH THERMOMETER

- Optimal focal distance: 2 feet

AUTOMATED HAND SANITIZER DISPENSER

1 gallon, with optional 8 hour, WHO certified sanitizer supplies.



LED INDICATOR LIGHT

- Configurable
- Red, Green, Yellow
- Solid or Pulsing

HD CAMERA

- Resolution: 1024 x 768 pixels @ 7.5 frames per second

TOUCH SCREEN

- Dimensions: 8" screen with 15:9 aspect ratio (174.0 mm W x 104.4 mm H) 800 x 480 pixels (384 kP or 0.384 megapixels)
- Display file formats: PNG, GIF, JPG

LED INDICATOR LIGHT

INSTALLATION SPECIFICATIONS

COMPUTING

- Linux Operating system
- CPU runs kiosk software and network communications
- Cloud: Real-time connectivity to cloud network

MOUNTING REQUIREMENTS: 1/2" x 6 1/2" bolts into concrete or standalone base

- INFRARED SENSOR:** Medical Grade
- SENSITIVITY: 0.2 degree error w/i 2.6 feet
 - POWER: USB - 3.7V

POWER: 120-220V AC

COMMUNICATIONS:

- CAT5/6 Ethernet RJ45 connectors
- WiFi
- Cellular

OPTIONAL COMMUNICATIONS:

- Bluetooth
- NFC
- RFID

PROTECTING CLIENTS & STAFF

Provides identification and point-of-entry access control for corporate offices, facilities, workspaces, maintenance areas, and other areas where employee and clientele may gather.

Provides a permanent time stamped record of pass/fail status for all users.

Determines if user meets the criteria for entry based upon successful completion of temperature scan, using hand disinfectant, optional questionnaire, and facial recognition match. A green or red light provides positive feedback to the user.

Factory calibrated in wide temperature range: -40 to 125 °C for sensor temperature and -70 to 380 °C for object temperature, with an optical filter integrated to provide sunlight immunity.

May be configured to meet security standards and operational protocols.

May be operated with or without facial recognition, adhering to all right-to-privacy or other legal considerations. Personal data base may be local to kiosk or centralized.

Meets ADA standards and guidelines for use with touchless display, hand sanitizer, two temperature sensors, and two cameras.



Synergy Clear Uses Include:

Provides identification and point-of-entry access control for private spaces and locations accessible to the general public.

Each individual kiosk can process approximately 6 people per minute, with a temperature scan and pass/fail determination being made within 2 seconds of reading. We would suggest one kiosk per door or turnstile, to minimize queuing.

Integrated display units can be configured to automatically direct users to a predetermined area if they do not meet the pass criteria, barring them from entry. Alternatively, they can be connected by video to a call center or other designated person for follow-up discussion with HR, the help desk, security or a health professional.



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