



## SmartXcan detects what others miss.

### SmartXcan sees more than just the obvious elevated temperature

- Engineered with over 1,000 sensors to scan and analyze deep tissue temperature for the most accurate temperature reading

### Business Oriented Solution

- Enables venues to reopen confidently
- Scans up to 700 people an hour
- Touchless – eliminates concern about germs spreading
- Provides automated notifications based on user-defined rules
- Eliminates need for an attendant



### Market Leader

- SmartXcan accurately and scientifically measures core-body temperature unlike handheld or other devices
- Provides sustainable detection of viral infections
- Enables 80%-90% earlier detection of Covid than other solutions available today. Asymptomatic detection is possible.

### Precision Engineering

- Designed to allow quick installation
- SmartXcan can easily integrate with existing IT infrastructure
- Engineered with SmartAPI for full web integration
- External connections and optional RFID reader enables seamless integration with access control systems

### Multi-venue Application

- SmartXcan can aid by detecting viral infections in:
  - Nursing Homes
  - Hospitals
  - Medical Offices
  - Airports
  - Schools
  - Commercial Buildings
  - Sporting Events
  - Concerts

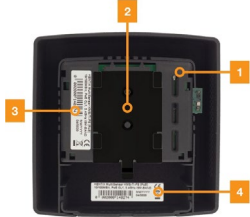
## SmartXcan Features

### Front view



1. LED temperature scale
2. LED light ring
3. Distance sensor
4. IR sensor

### Rear view

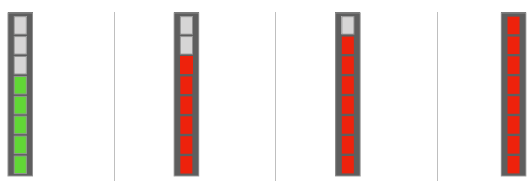


1. Reset button
2. Mounting bracket
3. Sticker Serial number
4. Sticker Default values (MAC-Address)

### Connections:



1. Kentix Systemport
2. Ethernet LAN-PoE
3. SD-Card slot (local image storage)



Measurement successful. LED ring green. 5 of 8 LEDs light up. No increased body temperature. 35 - 37.8 °C * 95 - 100 °F	Measurement successful. LED ring red. 6 of 8 LEDs light up. Slightly increased body temperature. 37.9 - 38.3 °C * 100.2 - 101 °F	Measurement successful. LED ring red. 7 of 8 LED light up. Increased body temperature. 38.4 - 39.3 °C * 101.1 - 102.7 °F	Measurement successful. LED ring red. 8 of 8 LED light up. High body temperature. > 39.3 °C * > 102.7 °F
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## SmartXcan Options

- Presence Detection (shown below)
- Passage Counting
- Scalable for large installations



Technical Data	
Software	Integrated web server (HTTPS), own certificate
Room-temperature Sensor	Measuring range 0 to 85 °C, 32 - 185 °F (accuracy ± 0.5 °C / ± 0.9 °F)
Air Humidity Sensor	Measuring range 0 to 100 % (accuracy ±3 %)
IR Sensor	1024 Pixel Infrarot Array, Measuring range 0-100 °C, Repeat accuracy ±0.30 °C / 0.55 °F, Resolution 0.1 °C/°F, Emission factor 0.98, Ambient temperature 18-24 °C / 64-75 °F
Distance Sensor	Distance measurement with 1 mm resolution, Class 1 eye safety laser measurement in accordance with the IEC 60825-1:2014-3 standard
Vibration Sensor	3-axis acceleration sensor with position and sabotage detection (sensitivity adjustable)
External Inputs/Outputs via Kentix System Import	2x Digital INPUT, 2x Digital OUTPUT (Open collector 100mA) Connection with IO-Adapter (ART: KIO3)
Acoustic Signal Generator	Acoustic measurement confirmation via signal generator, 85 dB, 2.3 kHz
LED Displays	12 LED (RED/GREEN) on top of the unit 2 LED at Ethernet socket (LNK/ACT)
Ethernet	10/100 MBit with PoE (Class 1) for power supply
SD Card	Integrated Micro SD card holder as additional memory for data recording and backup, up to 128 GB
Software Interfaces	E-Mail, SNMP V2/3 (GET, TRAP), Rest-API, Web-Hooks, HTTP/S Videocamera
Ambient Temperature for Body Temperature Measurement	18 - 24 °C (64 - 75 °F) highest accuracy 16 - 28 °C (61 - 82 °F) extended, lower accuracy possible
Ambient Temperature Device Operation	0 - 50 °C / 32 - 122 °F for pure device operation Air humidity 5-95% non-condensing
Housing	Size 120x120x44 mm, Weight around 150 g, Protection class IP30, Color: Black, Material: PS
Wall Bracket	Size around 110x113x78 mm, Weight around 500 g, Material: Metal
Approvals	CE, FCC

### AES is an Authorized HP ISV Partner

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