



SURE SECURITY

THERMAL CAMERAS

DISCLAIMER

SURE Security Products are not designed to diagnose diseases such as coronavirus, H1N1, SARS, or influenza. SURE Security is not advertising products for use in the medical industry or for medical purposes. Thermal products can identify individuals in a population that displays a higher temperature.

Thermal cameras do not find individuals experiencing coronavirus symptoms. There is no way to thermally detect an infected individual who has a normal body temperature.

Only a licensed medical professional can determine if a warm individual has a medical condition.

SURE Security products are not sold or marketed for any medical use.

NOTES

- ❏ Celsius is used throughout this presentation, but all products can also operate in Fahrenheit.
- ❏ The term 'Organizations' is used to describe businesses, non-profits, government entities and other potential users of thermal cameras.
- ❏ The term 'Visitors' is used to describe customers, patients, guests, employees, members or other people who will potentially be screened by thermal cameras.

ORGANIZATIONS HAVE DIFFERENT REQUIREMENTS

➤ High Risk Facilities

- Hospitals
- Elderly care

➤ Entertainment Facilities

- Amusement Parks
- Theaters
- Sporting Venues

➤ Large Footprint Retail

- Grocery stores
- Big box retail
- Shopping malls

➤ Restaurants

- Dine in
- Carryout
- Drive through

➤ Multi Tennant Commercial

- Offices
- Strip malls

➤ Gathering Places

- Churches
- Schools
- Beaches/Parks

INTRODUCTION

- With the Pandemic now in its full swing, new procedures for a safe working environment needs to be put in place to reduce the risk of the spread of the COVID19 virus.
- SURE Security has been working towards providing a solution that will notify users of a high temperature as an early warning of a possible fever, which is key in first line defense.
- Although this does not specifically tell you that an individual has COVID19, it allows you to investigate with additional testing and deal with the person with a fever before entering the workplace.

SERVICES

1. Thermal Camera
2. Network Video Recorder (NVR)
3. QR Contact Tracing App

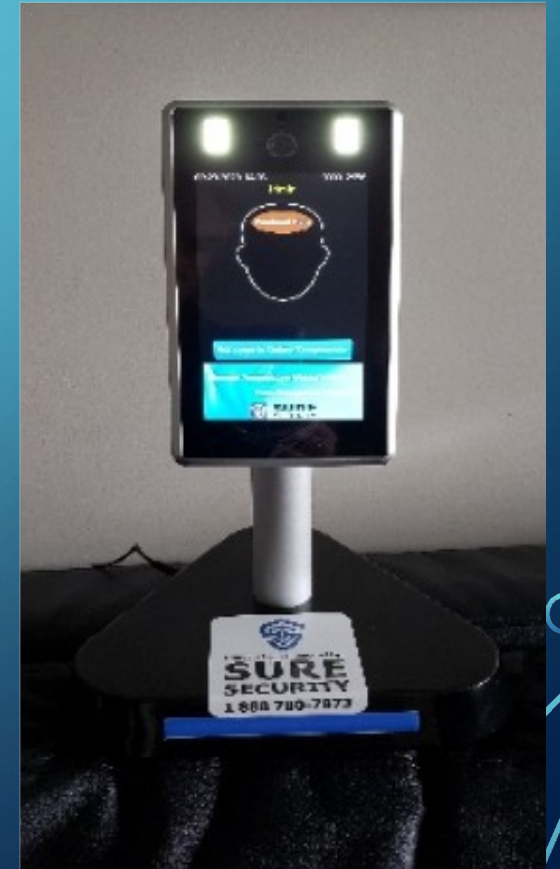
Services and equipment can operate as a stand-alone or an integrated solution.

THERMAL BODY TEMPERATURE CAMERA

The camera can operate as a Stand-Alone Solution






- ☒ Measure Temperature Detection
- ☒ Face Mask
- ☒ Facial recognition

The Thermal camera operates best when integrating and combined with the ACS Network Video Recorder. This will be presented in a separate slide.



CAMERA SCANNING COMBINATIONS

The Camera can be setup with any of the combinations, for example

-  Temperature Only
-  Mask Only
-  Facial Recognition Only
-  Temperature and Mask
-  Temperature, Mask and Facial Recognition.

If the camera is used as a Facial Recognition, then up to 20,000 people's faces can be stored on the unit and can operate as an Access Control device.

OTHER FUNCTIONS

Trigger

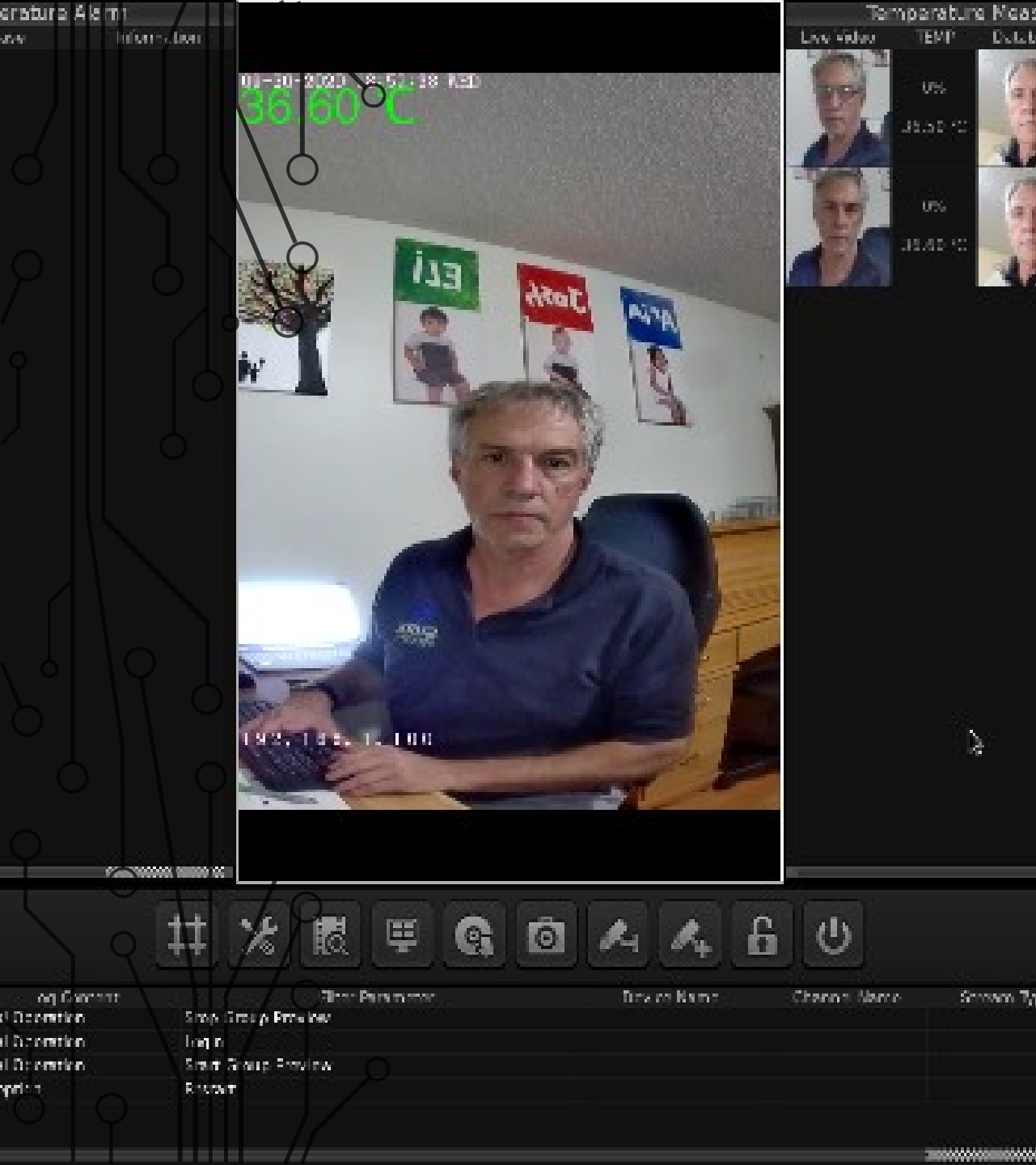
The unit has a relay output for the control of a Door, turnstile, or any electronic device, making it into an Access Control solution for businesses.

Setup

The unit can be setup by using an Internet Browser and logging in with a username and password. Once logged in, there will be access to a host of options, such as IP configurations, temperature thresholds, adding and deleting people etc.

Access

Touchless Door Entry is achieved by connecting the relay output to the Automated Door Opener.



NETWORK VIDEO RECORDER (NVR)

- High Temperature alert via email when taking out our maintenance plan.
- The camera operates as a normal security camera with 24/7 recording.
- The temperature measurement transactions are recorded for reporting purposes which can be used for contact tracing.
- Audible notification of High Temperatures in real time from the NVR which allows you to act quickly.
- Abnormal temperature Live View
- Normal Temperature Live View
- Easy Access Control setup using Facial Recognition
- Live view of Temperature Readings
- Up to 16 Thermal Cameras per NVR

TEMPERATURE MEASURE REPORTING

Access control system

Access control system_Administrators admin






Home > Access record > All access records

Refresh Delete all records

date: ID: Name: Contact: Group name: Temperature: Device name: Search Download



Total data : 74

Display 5 records per page

Index	Screen ID	Name	ID	Contact	Group name	Temperature	Device name	Time
74		Chris Shelver	1001	403 473 4343	SureRity	36.6°C	192.168.1.100	2020-09-30 18:52:38
73		Chris Shelver	1001	403 473 4343	SureRity	36.5°C	192.168.1.100	2020-09-30 18:52:13
72		Chris Shelver	1001	403 473 4343	SureRity	36.3°C	192.168.1.100	2020-09-30 18:50:23
71		Chris Shelver	1001	403 473 4343	SureRity	36.8°C	192.168.1.100	2020-09-30 14:56:43
70		Chris Shelver	1001	403 473 4343	SureRity	36.8°C	192.168.1.100	2020-09-30 14:56:37

Showing page 1 (Total 15)

First previous 1 2 3 4 5 ... 15 next Last

74		Chris Shelver	1001	403 473 4343	SureRity	36.6°C	192.168.1.100	2020-09-30 18:52:38
73		Chris Shelver	1001	403 473 4343	SureRity	36.5°C	192.168.1.100	2020-09-30 18:52:13

Refresh

Exit

HIGH TEMPERATURE REPORT

Access control system

Welcome to use All access records






Home > Access record > All access records

Refresh Delete all records

Date: ID: Temperature: Device name: Name: Contact: Group name: Search Download



Total data : 11

Display 5 records per page

Index	Screen shot	Name	ID	Contact	Group name	Temperature	Device name	Time
55		Chris Shelver	1001	403 473 4343	SureRity	38.6°C	192.168.1.100	2020-09-17 08:54:56
53		Chris Shelver	1001	403 473 4343	SureRity	38.6°C	192.168.1.100	2020-09-17 08:50:34
52		Chris Shelver	1001	403 473 4343	SureRity	40°C	192.168.1.100	2020-09-14 20:22:14
51		Chris Shelver	1001	403 473 4343	SureRity	40.4°C	192.168.1.100	2020-09-14 20:04:30
49		Chris Shelver	1001	403 473 4343	SureRity	40.1°C	192.168.1.100	2020-09-14 19:19:43

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First previous 1 2 3 next Last

55		Chris Shelver	1001	403 473 4343	SureRity	38.6°C	192.168.1.100	2020-09-17 08:54:56
53		Chris Shelver	1001	403 473 4343	SureRity	38.6°C	192.168.1.100	2020-09-17 08:50:34

CONTACT ACCESS & TRACING SYSTEM



QR code access

- CLOUD BASED
- INDUSTRY STANDARD FORMS SOLUTION
- BUILT ON LEADING MESSAGING PLATFORM FOR FLEXIBLE MESSAGE AND NOTIFICATION ROUTING
- OPEN AND SECURE STORAGE TECHNOLOGY
- CUSTOMIZABLE FORMS, ROUTING, REPORTING
- REPORTS EXTRACTED TO EXCEL FOR FURTHER REFINEMENT AND ANALYSIS
- RUNS ON ALMOST ANY DEVICE
- VISITOR SMARTPHONE ACCESS VIA WEB OR QR CODE

HOW OUR SOLUTION WORKS

Visitor access declaration form

This form can be tailored to suit your requirements, and can be accessed from virtually any device supporting a modern browser. This includes workstations and tablets installed at visitor entrances, to a visitor's smartphone (accessed via a QR code).

Routing engine

Once the form is submitted it is evaluated against rules defined by the customer, and routed on wards Options include routing all forms to a specific address, routing forms that have failed checks to specific addresses as a warning, and routing to multiple addresses.

Note that all routing is using Telegram, which allows us to support environments from smartphones to workstations to browsers

HOW OUR SOLUTION WORKS / 2

Storage

Access and pandemic declaration forms are stored on a database in the cloud and are available for reporting and download until they are aged out based on customer-defined criteria.

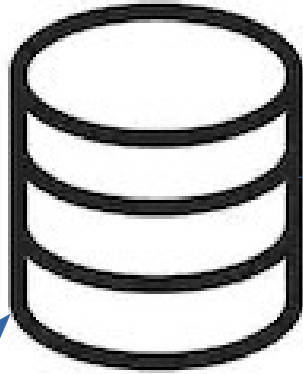
Reporting and retrieval

We provide standard reports in both full and summary formats, that can be retrieved on criteria such as date, type of form, visitor name and so on. Reports are downloaded in Excel format so that the user for further formatting, refinement and local storage. Custom reports and search criteria can be developed based on customer's requirements.

THERMAL CAMERAS ONLY REPORT THE TEMPERATURE



QR code



Form
Storage

Or enter details in the form

Covid Access Declaration

Required information for facility access

*Required

Site Name *

SureSecurity Calgary

Last Name *

Your answer

First Name *

Your answer

Middle Name(s)

Your answer

Phone *

Your answer

Person visited *

Your answer

Body Temperature *

Your answer

Next

Never submit passwords through Google Forms.

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Access
Form

A	B	C	D	E	F	
Pandemic Access Declaration						
Report Details						
Line #	Site	Date	Time	Name	Phone	Visited
1	SureSecurity Calgary	10/1/2020	10:31	Anthony R Shelver	+27835757007	Mr Adelby
2	SureSecurity Calgary	10/1/2020	11:40	Christiam X Voss	801.555.555	Jack Boy
3	SureSecurity Calgary	10/1/2020	12:31	Abel R Steinmuller	778.544.5555	Stein Rock
4	SureSecurity Calgary	10/1/2020	13:42	John B Smith	555.901.4066	Reception
5	SureSecurity Calgary	10/1/2020	14:55	Tracy R Dark	777.555.8950	Catering
6	SureSecurity Calgary	10/1/2020	15:31	Jean Z Muttermueller	778.555.5732	Mr Bullwinkl
7	SureSecurity Calgary	10/1/2020	15:57	Anthony R Shelver	+27835757007	Mr Adelby
8	SureSecurity Calgary	10/1/2020	16:30	Chris M Shelver	443.501.9592	Head
9	SureSecurity Calgary	10/1/2020	17:22	Jack Ynez	+1.555.501.3333	Maintenance

Visitor Access Declaration

03/11/2020 09:12:32 : Timestamp
SureSecurity Calgary : Site Name
Shelver : Last Name
Anthony : First Name
R : Middle Name(s)
27835757007 : Phone
Robin Williams : Person visited
36 : Body Temperature
No : Fever or chills
No : Difficulty breathing or shortness of breath
No : Cough
No : Sore throat, trouble swallowing
No : Runny nose/stuffy nose or nasal congestion
No : Decrease or loss of smell or taste
No : Nausea, vomiting, diarrhea, abdominal pain
No : Not feeling well, extreme tiredness, sore muscles
No : Have you travelled outside of Canada in the past 14 days?
No : Have you had close contact with a confirmed or probable case of COVID-19?

09:12

Access
Analysis and
Reporting

Access
Notification
Message

SYSTEM ROADMAP AND OPTIONS

PWA

Visitor and security staff registration web app.

Form routing

Validation / selection of person visited, and notification routing to person visited

Electronic access register and reporting

Extend system to replace manual visitor entry and exit logs

SURE SECURITY



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THERMAL CAMERAS ONLY REPORT THE TEMPERATURE

- An elevated body temperature does not mean someone is sick
- Cameras measure body temperature in different ways
 - Look for hottest part of the scene
 - Use facial recognition, then take temperature of the forehead
 - Take the temperature of the eyes
- Most manufacturers claim accuracy of $\pm 0.5^{\circ}\text{F}$
- Someone can be sick and not have an elevated temperature
- Thermal cameras are a tool – they have to be used properly

