

INFRASENSING

Infrared IR Spot Sensor Guide
for elevated skin temperature screening

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Warranty:

For the warranty on this product please visit <https://infrasensing.com/>

OPENING SENSORGATEWAY, ADDON, EXPANSION HUB, SENSOR OR ANY OTHER HARDWARE VOIDS THE WARRANTY

Safety Precautions

CAUTION

For safety reasons, the SensorGateways (base units), PCs, add-ons, expansion hubs and sensor probes may never be moved, disconnected, connected fully or partially covered while operating. Disconnect any power supply before performing installation or maintenance work.

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH FOR POWER SENSORS OR SENSORS IN ELECTRICAL ENVIRONMENTS

- Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. In the USA, see NFPA 70E.
- Only qualified electrical workers should install electrical equipment like our power sensors. Such work should be performed only after reading this entire set of instructions.
- NEVER install if something is not clear.
- NEVER work alone.
- Before performing visual inspections, tests, or maintenance on this equipment, disconnect all sources of electric power. Assume that all circuits are live until they have been completely de-energized, tested, and tagged.
- Turn off all power supplying the power sensors and the equipment (such as base units) in which it is installed before working on it.
- Always use a properly rated voltage sensing device to confirm that all power is off.
- The successful operation of this equipment depends upon proper handling, installation, and operation. Neglecting fundamental installation requirements may lead to personal injury as well as damage to electrical equipment or other property.
- NEVER bypass external fusing.
- Before performing testing on any equipment in which the power sensors are installed, disconnect all input and output wires to the power meter. High voltage testing may damage electronic components contained in the electronics.
- The power sensors should be installed in a suitable electrical enclosure.

Failure to follow the above instructions may result in damage of the equipment, serious personal injury or death.

ELEVATED SKIN TEMPERATURE KITS DISCLAIMER

The IR spot sensors are not medical grade devices. The sensors are not designed for the specific intention of human fever detection nor the diagnosis, mitigation or prevention of disease or health conditions. A person may be carrying or transmitting diseases without having an elevated skin temperature.

Where the use of our products is permitted, they should always be complemented with medical grade devices for confirmation and additional screening. Operation of the sensors should always be supervised by a medical professional.

The device should be operated indoors within a 20-25C temperature environment for its 0.5C accuracy. Different temperatures may affect the accuracy of the device. Allow 5 minutes for the device to warm up before performing any measurements.

In the USA the use of our sensors should also follow the Enforcement Policy for Telethermographic Systems During the Coronavirus Disease 2019 (COVID-19) Public Health Emergency from the FDA.

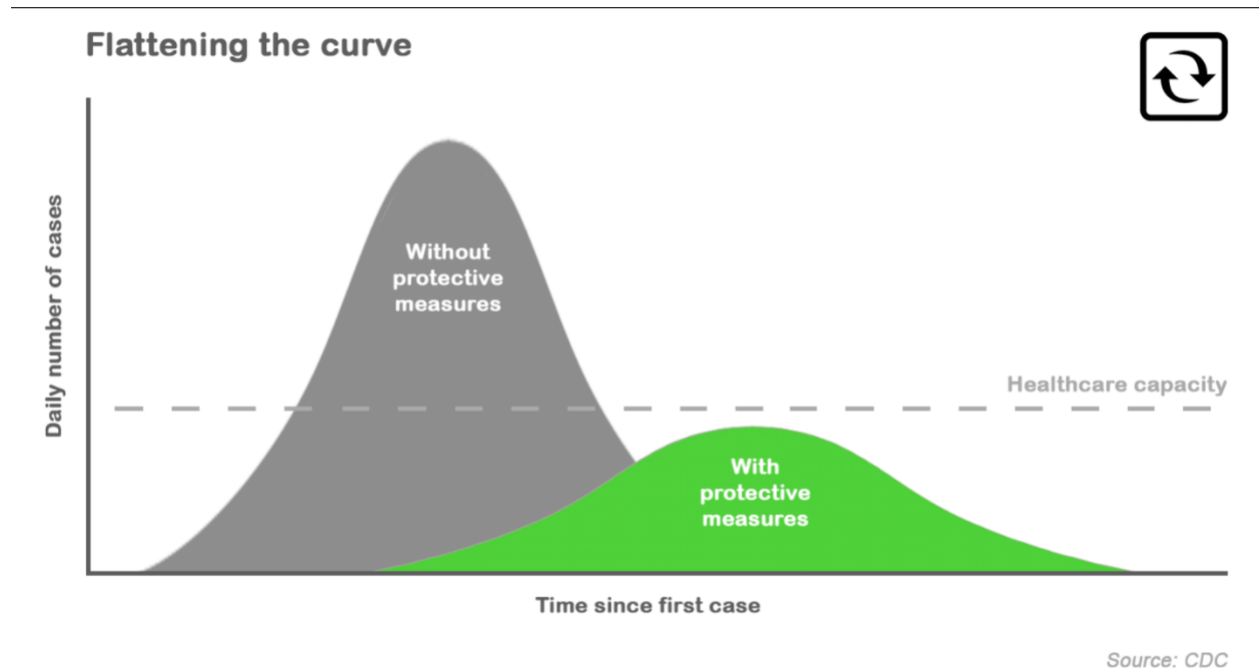


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1. Overview

A simple cost effective solutions to limit the spread of the on-going pandemic. Countries like Taiwan and Singapore have shown that it is possible to reduce the spreading of the SARS-CoV-2 or Novel Corona virus by implementing strong protective measures while trying to keep the economy going.

One of those measures is the continuous screening of people's temperature in offices and other public places. This is critical to keep businesses open as long as possible.



By modifying our hardware, we have developed an emergency solution enabling to monitor skin temperature.

2. Best Practices

2.1. Elevated skin temperature versus body core temperature.

An infrared sensor does not monitor the core body temperature but the radiated temperature of the skin. It is important to understand that the skin temperature is not the same as the core body temperature. The known fever temperature of 37.5°C or 100.4°F is the core body temperature. Skin temperature is significantly lower.

Studies following the SARS and N1H1 outbreaks were conducted in respect to IR temperature scanning of people to detect potential cases of fever. We recommend the user of the system to read the sources below.

If the event of a potential elevated skin temperature being recorded, it is important that this should always be confirmed using a secondary screening with a medical grade device.

Sources:

Detection of body temperature with infrared thermography: accuracy in detection of fever

https://www.researchgate.net/publication/232712926_Detection_of_body_temperature_with_infrared_thermography_accuracy_in_detection_of_fever

Utility of infrared thermography for screening febrile subjects

http://www.hkmj.org/article_pdfs/hkm1304p109.pdf

Fever Screening and Detection of Febrile Arrivals at an International Airport in Korea: Association among

Self-reported Fever, Infrared Thermal Camera Scanning, and Tympanic Temperature

<https://www.e-epih.org/journal/view.php?doi=10.4178/epih/e2014004>

2.2. Temperature accuracy, operation and maintenance

Each sensor has been calibrated against NIST standards using double validation. The calibration has been done at a distance of 5cm and 20cm. The calibration has been done in an environment with an ambient temperature of 20-25C (68-77F).

Annual calibration should be performed by the due date as marked on the sensor.

The IR spot sensors work by capturing the emitted infrared radiation within their field of view. Units are calibrated at a distance of 5cm / 2 inches, at that distance they return the average temperature within a circle of 1.05 cm / 0.41 inch in diameter. The same is repeated at 20cm.

The sensor detects if a person is within the required 5-30cm (2-12in) range and only then does it take the measurement.



The sensor should be operated in an **indoor** environment with a temperature of 20-25C (68-75F). Outside of those ranges the results may be affected and the sensor may lose its 0.5C accuracy. Allow 5 minutes for the device to warm up before doing any measurements.

Your sensor lens should be kept clean at all times.

Temperature accuracy can be affected by the sensor lens. A dirty lens will result in incorrect temperature readings.

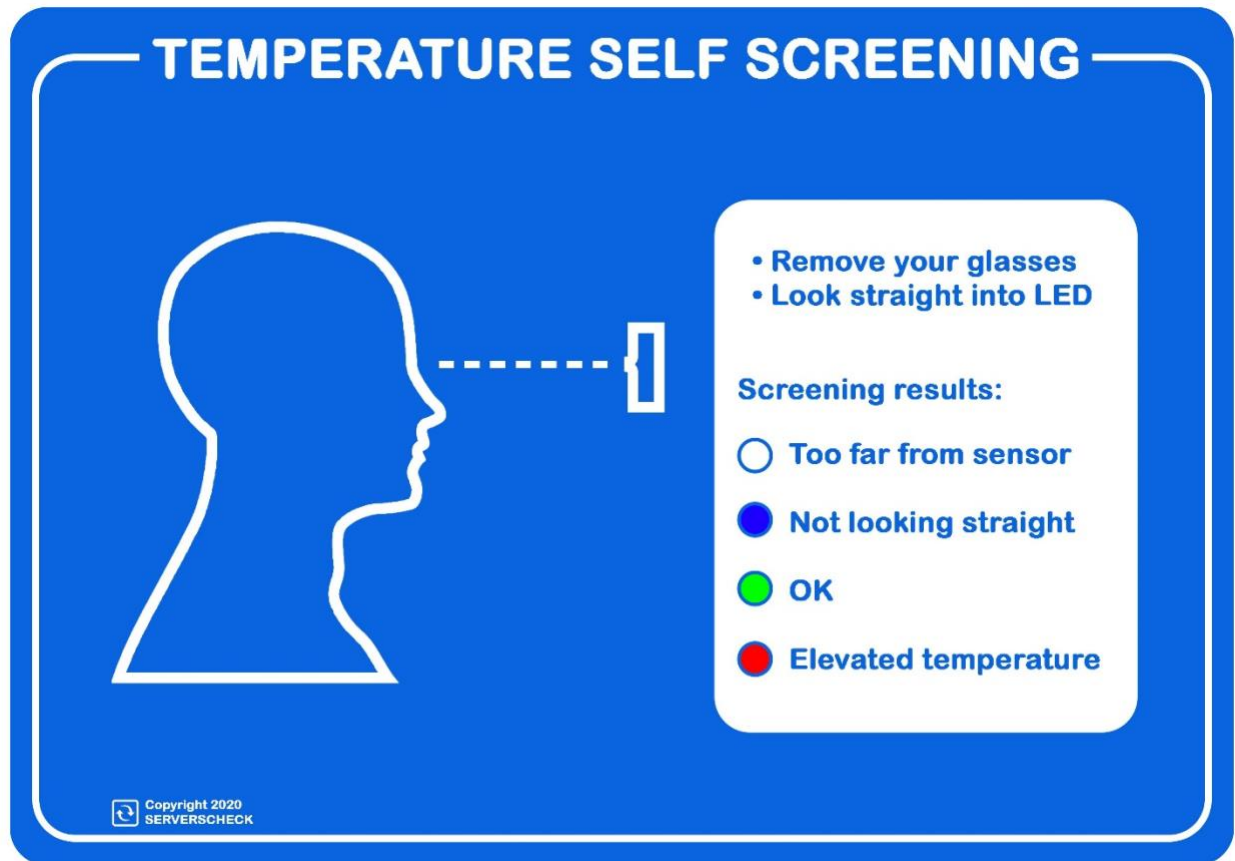
When dirty (fingerprints, touch, dust), then the lens should be cleaned. To clean it, only use an alcohol-based solution with a non-linen cloth. For example: paper based Isopropyl Alcohol wipes.

2.3. Sensor Leds

The colors of the led on the sensor are pre-configured to operate as follows:

- **White:** nothing detected within a 5-25cm range
- **Blue:** temperature is too cold; a temperature of less than 32.5C or 90F. This often means that the person is not looking straight at the sensor, is wearing glasses or is wearing a face mask
- **Green:** the temperature recorded is within the 32.5-36.5C (90-97.7F) range
- **Red:** the recorded temperature is above 36.5C / 97.7F Additional screening should be performed to validate recording

An elevated skin temperature does NOT always mean that a person has a fever. Anxiety, exercising and other factors may lead to elevated skin temperatures. This is why additional screening should always be performed to validate the recording.



3. EST Covid-19 Kit - Temperature IR Spot Sensor



The IR spot sensors operate on a one-to-one. Rather than looking at a crowd of people, this setup scans one person at a time. It would point at the forehead of a person to be screened.

It performs the skin temperature scanning with an accuracy of $\pm 0.5^{\circ}\text{C}/\pm 0.9^{\circ}\text{F}$ with compensation based on ambient temperature to improve the sensor's accuracy and reduce drifting.

The software on the appliance picks up the sensor reading and shows it as a green or red value. Simultaneously, the data is saved onto the appliance where it can be used for ad-hoc analysis using trend analysis.

3.1. What's in the kit

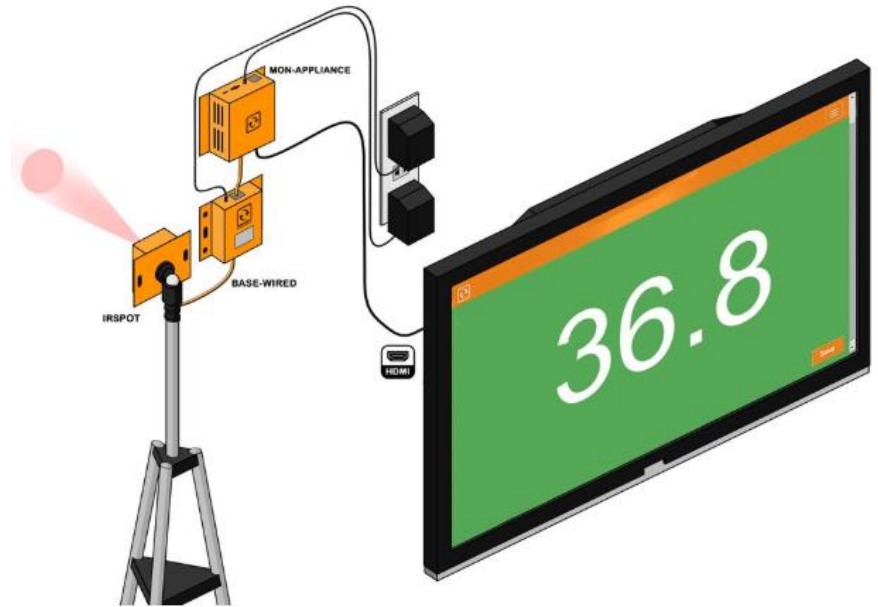
We do offer 2 versions of our kit: USB versions (EST-IRSPOT-XXX) and connected to the base unit versions (KIT-IRSPOT & KIT-IRSPOT2).

3.1.1. KIT-IRSPOT & KIT-IRSPOT2

1x Base Unit (BASE-WIRED)



1x Lab calibrated IR spot sensor



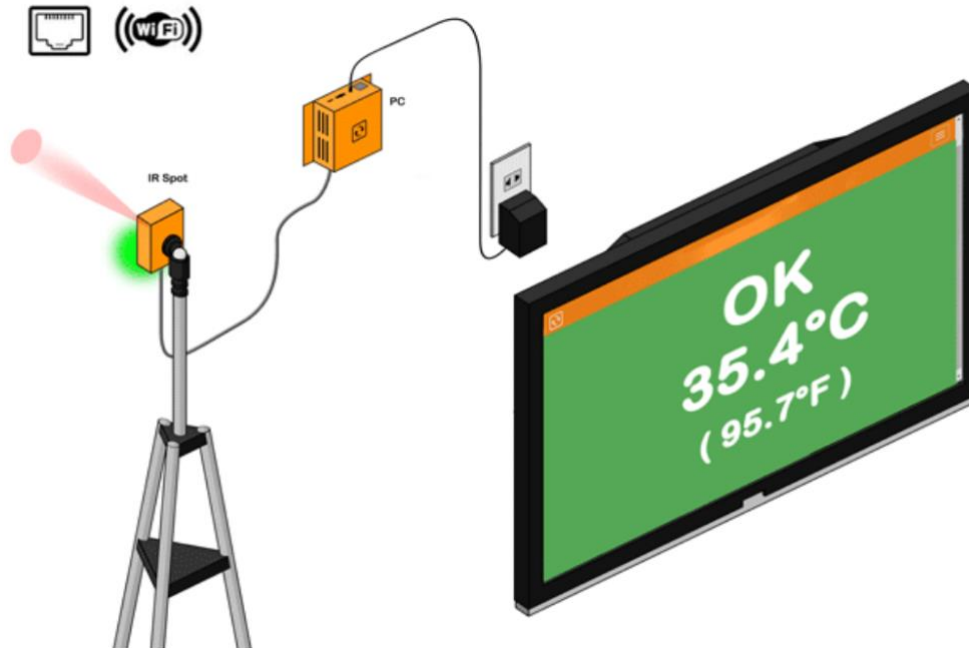
1x Monitoring Appliance (Windows 10 Enterprise PC)



Also included area a short RJ45 cable, 2 power adapters (one for the base unit and one for the appliance)

3.1.2. EST-IRSPOT

Following items are included in the EST-IRSPOT kit:



1x Lab calibrated IR spot sensor



1x Monitoring Appliance



Also included are a USB cable and power adapter.

3.2. Optional Expansion and add-ons

3.2.1. Adjustable Tripod with mount adapter for the IR spot sensor

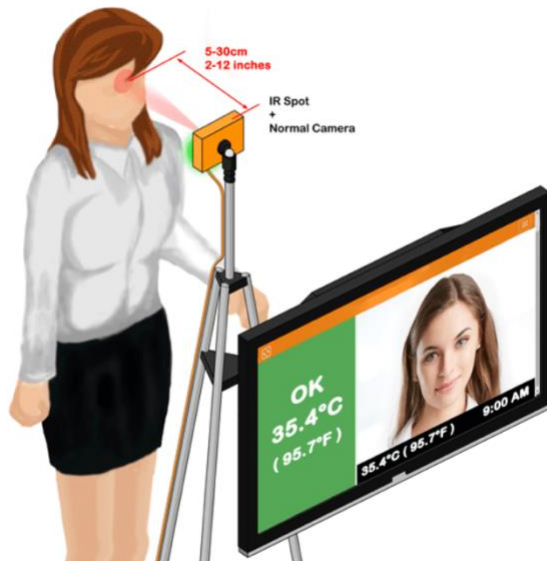


3.2.2. 21" Touch Monitor

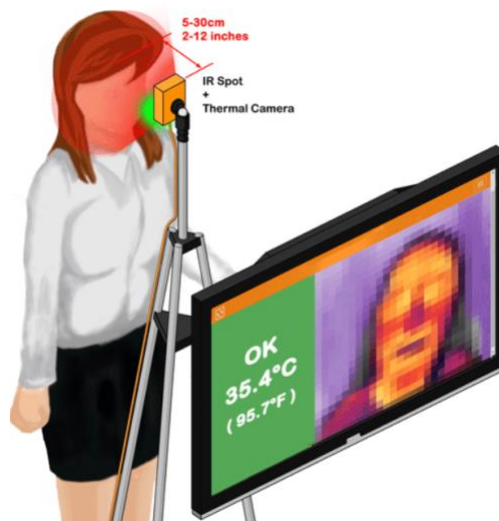


3.2.3. Expansions for EST Kits (not KIT-IRSPOT or KIT-IRSPOT2)

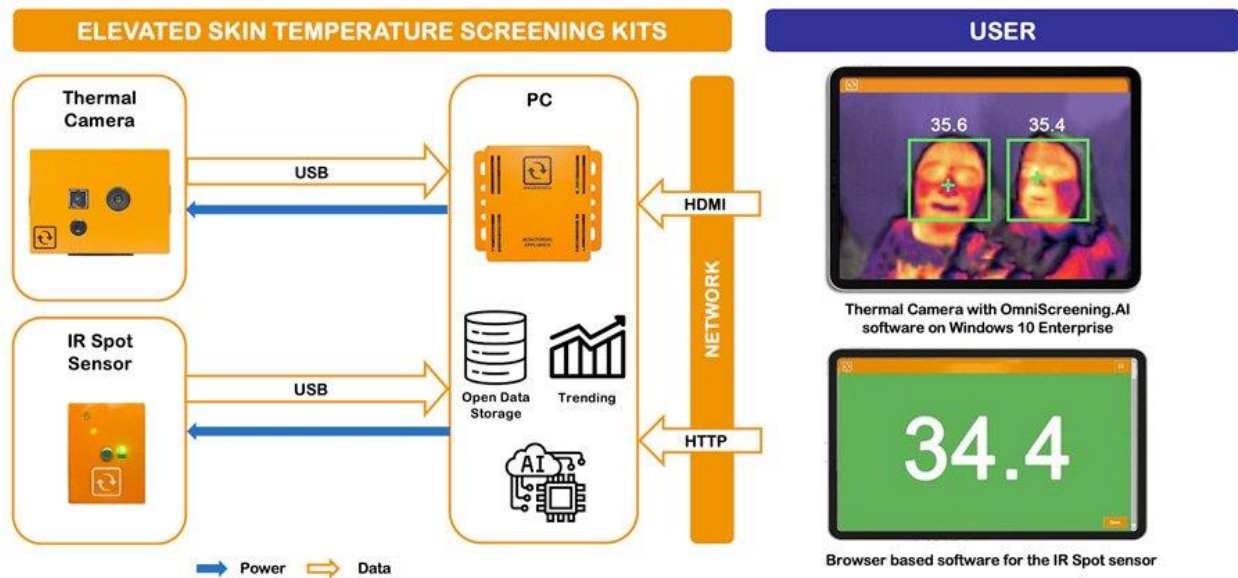
- **EST-IRSPOT-CAMERA** - Camera module to take snapshot of screened person with their temperature and time stamp



- **EST-IRSPOT-THERMAL** - With the optional thermal camera, the entire face will be scanning in 480 points instead of just one measurement with the IR spot sensor. The hottest detected temperature will be retained. This ensures that the entire face is screened.



4. How it works



The software scans with the IR spot / Thermal Camera for a healthy human skin temperature range; which is between 33.6°C and 35.5°C.

The Monitoring Appliance is a small Windows Enterprise IoT 10 computer with the ServersCheck Monitoring Software embedded. It can connect to a network using a regular RJ45 network cable OR via wifi. The appliance stores all data from the sensors for graphing and trending purposes, it store the data to the sub folder /data ("C:\Program Files (x86)\ServersCheck_Monitoring\data") using SQL lite databases and knowing that, you can use the EPOCH time stamp of a temperature recording, this could be linked to an entrance scan of an employee.

The appliance has 3 USB ports and a HDMI port for a screen. You can then connect a screen, tablets, smart phones or computers to the Monitoring Appliance to show the real time data. Every time a recording is made within the human skin temperature range, then that data is saved onto the Monitoring Appliance.

Color Code for Live Screen

Red – Above the value of the threshold
Green – Within the value of the threshold
Orange – Value is too High or too low

5. Set up instructions

In this section we will outline how the entire kit can be set up using different configuration possibilities.

Before starting take care of following default login details for the hardware contained in the kit.

Monitoring Appliance (MON-APPLIANCE)

- Username is "**serverscheck**"
- Password is "**admin**"

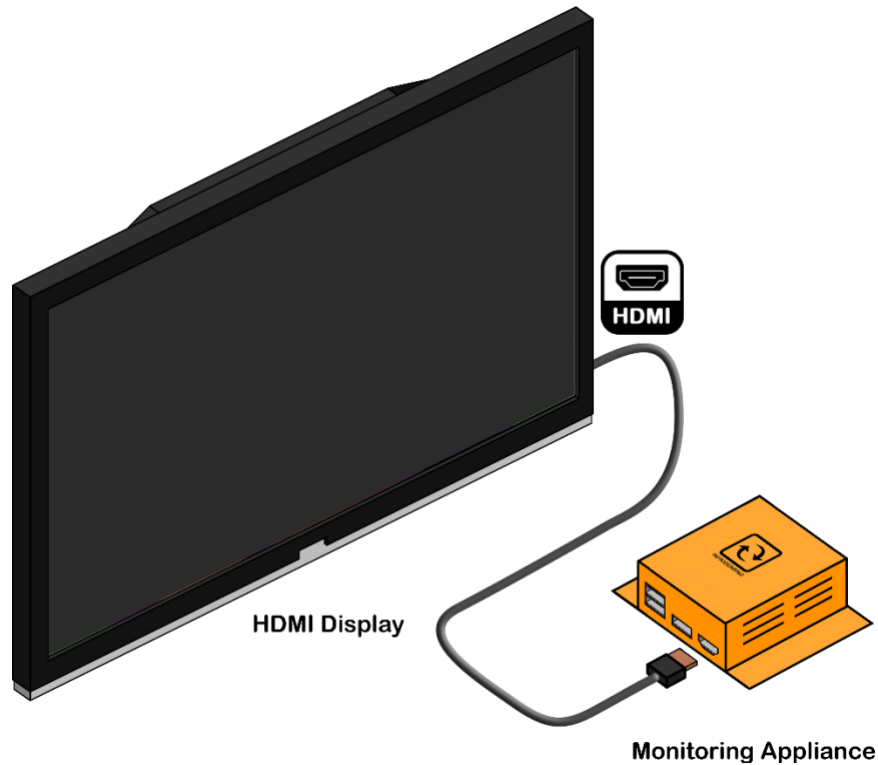
SensorGateway (BASE-WIRED)

- Username is "**admin**"
- Password is "**admin**"

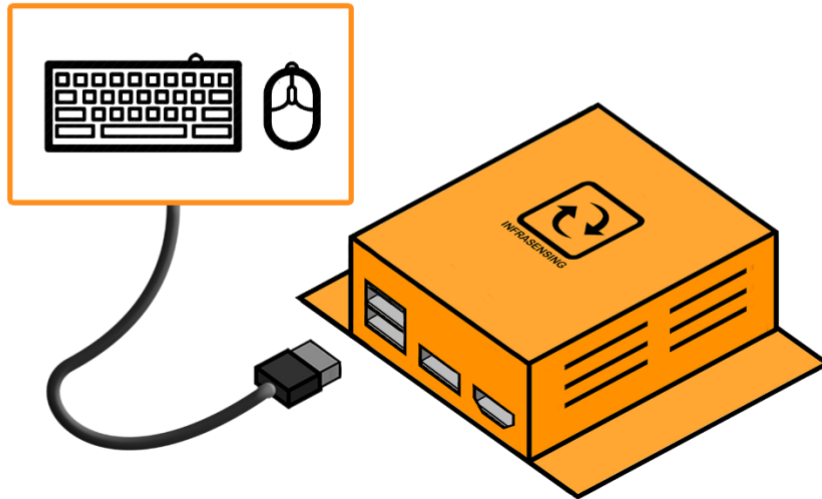
5.1. How to set and power up the monitoring appliance

The monitoring appliance is a mini Windows 10 Embedded Enterprise PC with the ServersCheck Monitoring Software preinstalled on the device. In order to use the device a monitor, keyboard and mouse are required.

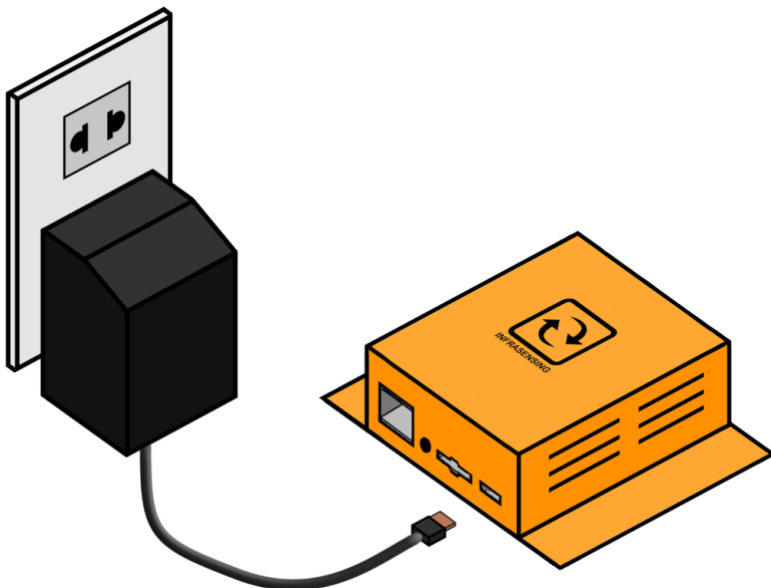
1. Connect a monitor/screen into your Monitoring Appliance using the HDMI port.



2. Connect a keyboard and mouse into your appliance via the USB ports.



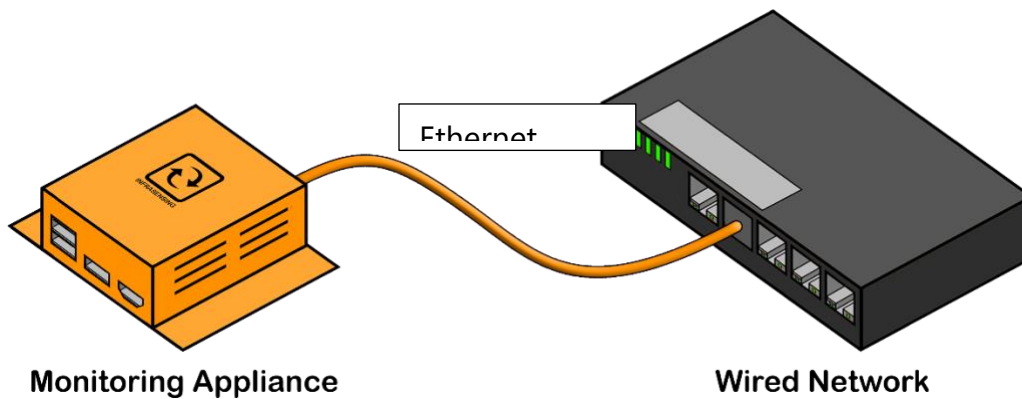
3. Connect the power adapter into your Appliance.



4. Booting process will start, wait until you can log in to Windows.
(Username: Serverscheck / Password: admin)

5.2. Connecting the Appliance to a wired network

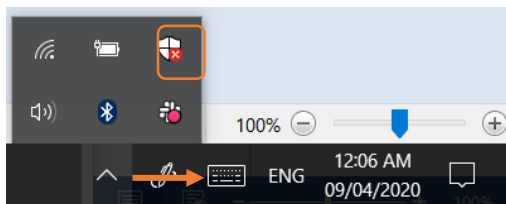
1. Connect an Ethernet cable from your network going to the appliance



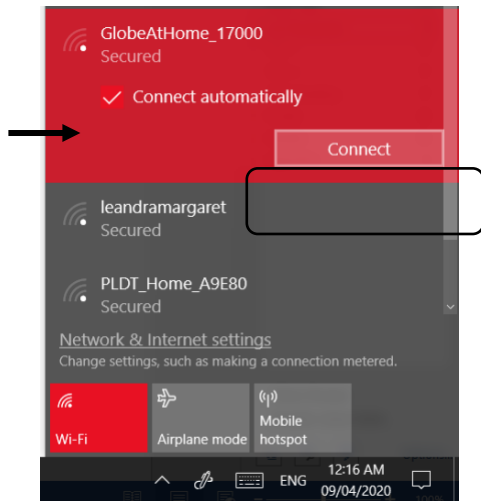
2. Your appliance will now be connected to your network.

5.3. Connecting the Appliance to your Wifi network

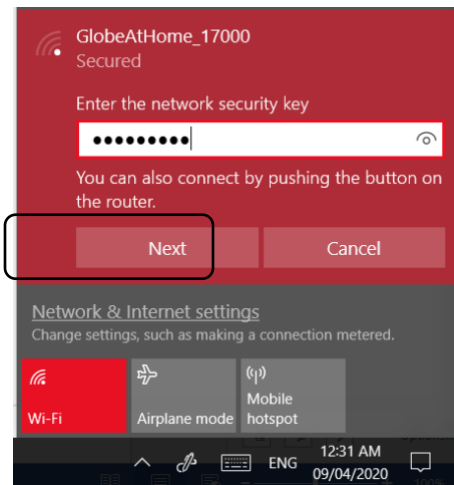
1. Click on the wireless icon in the bottom-right corner of the taskbar. (If you don't see the button, click the up arrow button on the left side of the clock.)



2. Select the wireless network you want to connect to. You may check the "Connect automatically" option . Click the Connect button.



3. Enter the network security key (Password of your Wifi) and then click Next.

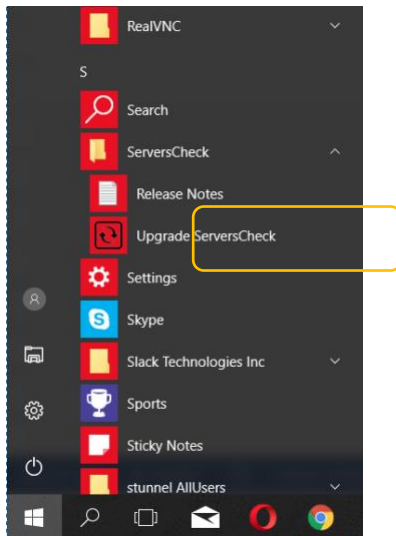


4. You are now connected to your Wifi network.

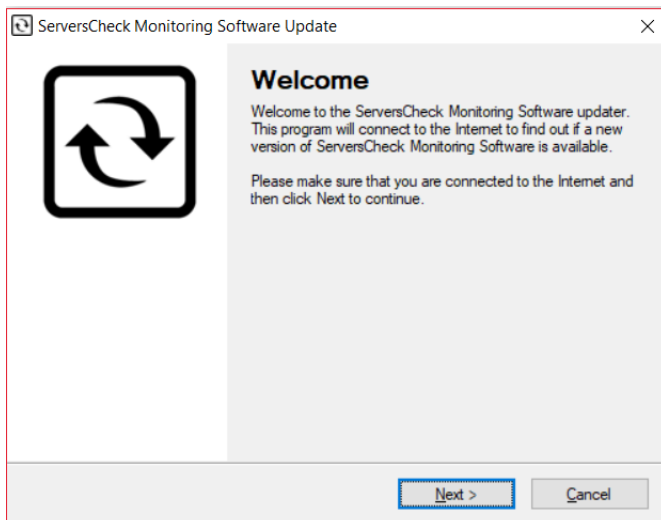
5.4. Software Upgrade

Software upgrade lets you stay updated with the latest features of the software. To do this an Internet connection is required.

1. Click on the start button (Window Icon) located on the lower left corner of your screen, and then scroll down till you see the ServersCheck folder. Click on the dropdown button and then select "Upgrade ServersCheck"



2. An upgrade window will appear to guide you through the process.

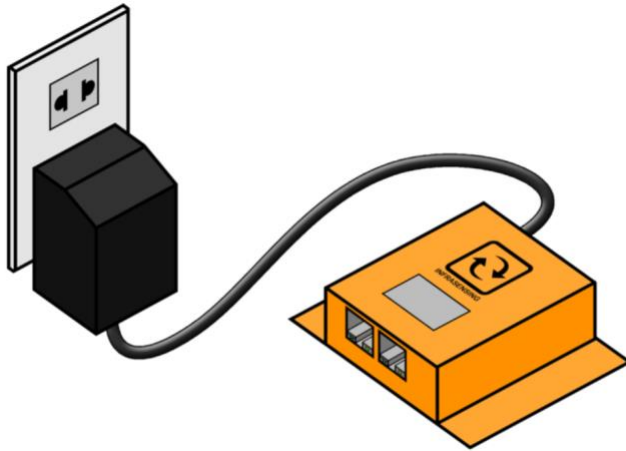


3. Just click on Next and finish the process.
4. Once the software is updated, restart your appliance.

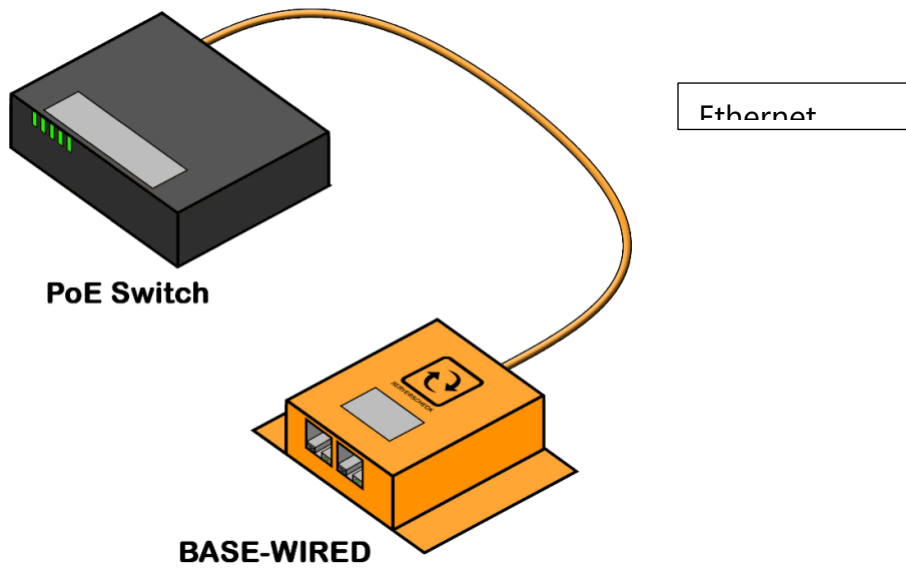
5.5. How to power up the SensorGateway (BASE-WIRED)

There are two ways to power the base unit, one is through PoE and another via BASE-PWR or the power adapter.

1. Powering up through the power adapter (BASE-PWR)

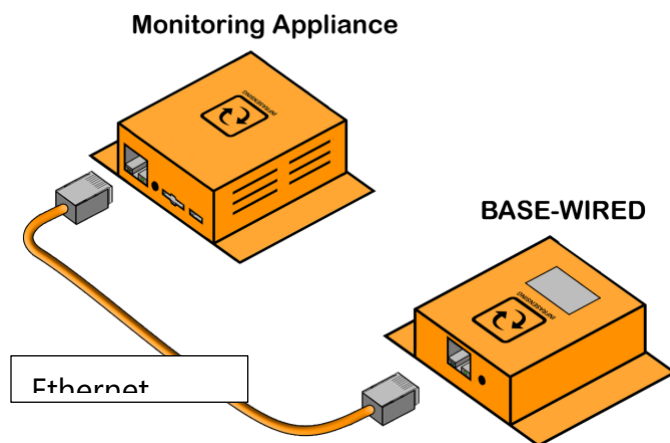


2. Powering up through your PoE ready switch, connect your SensorGateway using a standard Ethernet cable.

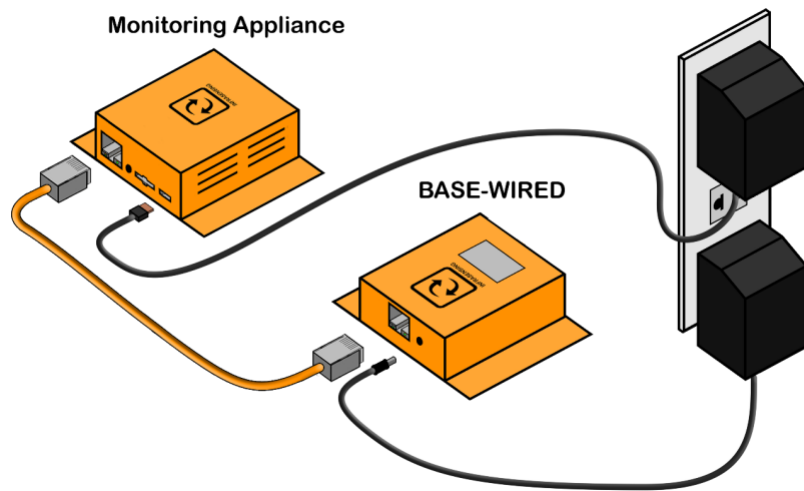


5.6. Connecting the SensorGateway directly to the Appliance

1. Connect the SensorGateway (BASE-WIRED) into your appliance via the Ethernet port.



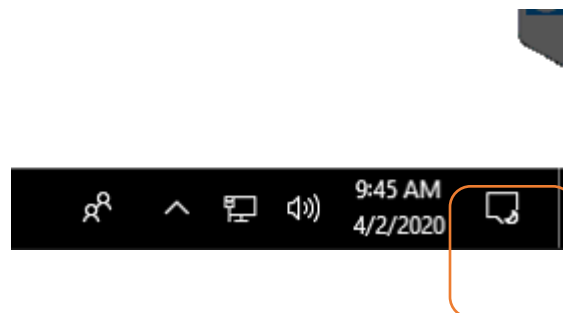
2. Connect the power adapter into the base unit to turn it on.



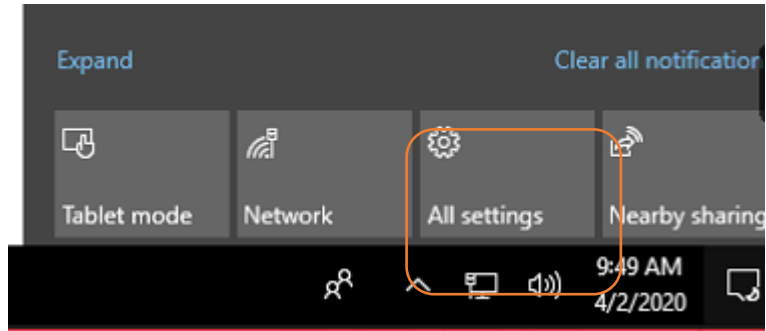
3. Wait for several seconds until it completely boots up showing you the IP address on its OLED screen, It should be 192.168.11.160



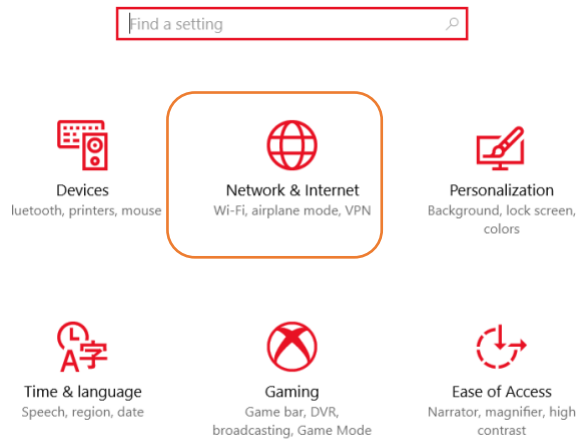
4. To access and connect to the web interface of the gateway we have to set our appliance to the same network segment, And to do that we have to go back to our Appliance (Desktop).
5. On your desktop screen click on the options icon located on the right side of the time.



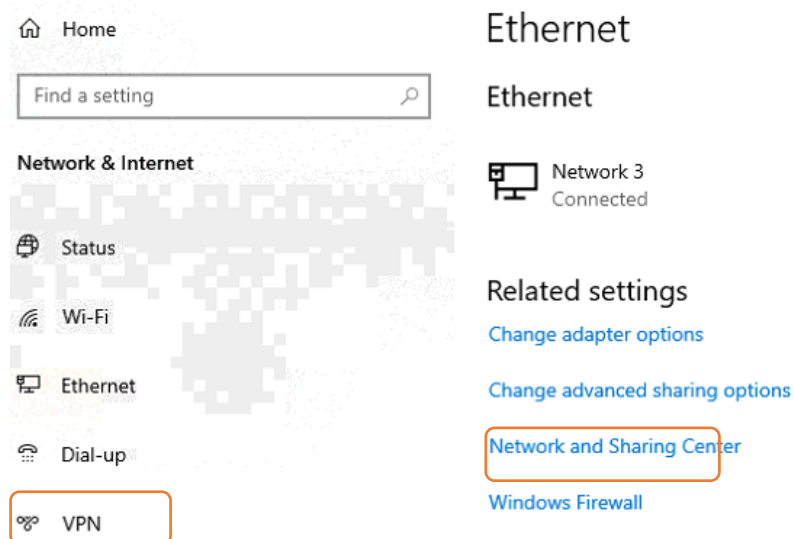
6. Then click on all settings.



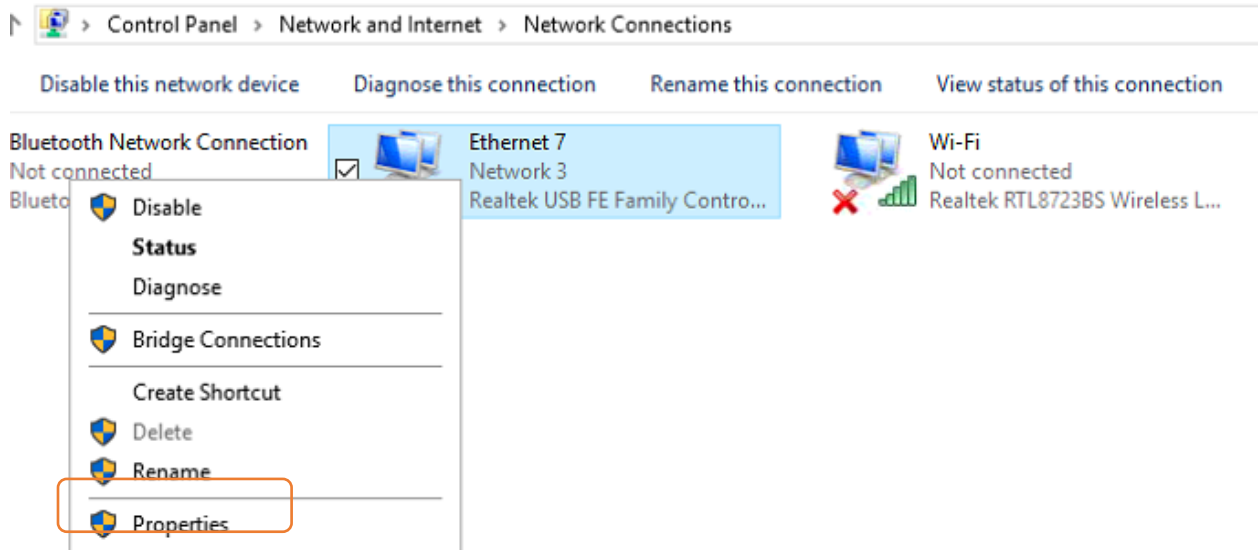
7. Then click on Network and Internet.



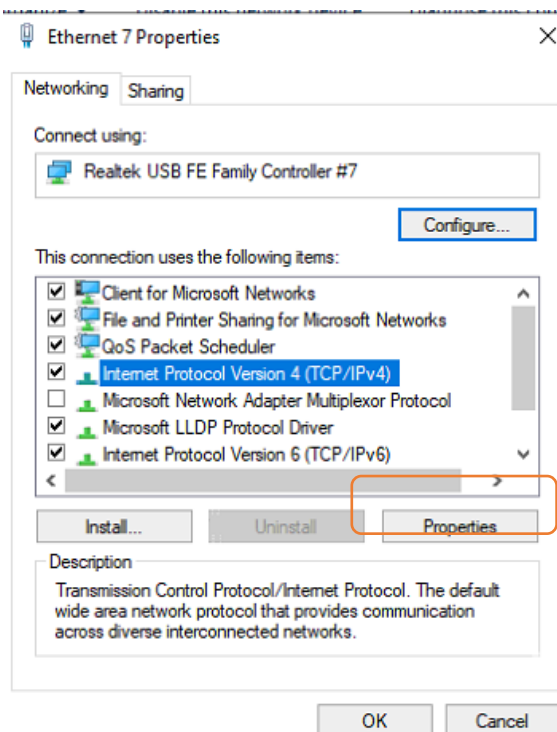
8. Click Ethernet on the left hand side afterwards a new set of options will appear on the right side , Click on "Change adapter options"



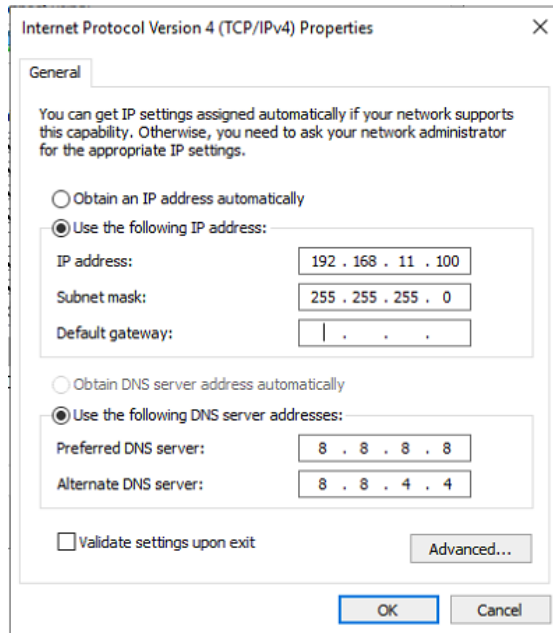
9. This will bring you to the Network connection page, Right click on the Ethernet connection logo as shown on the image below and then choose properties.



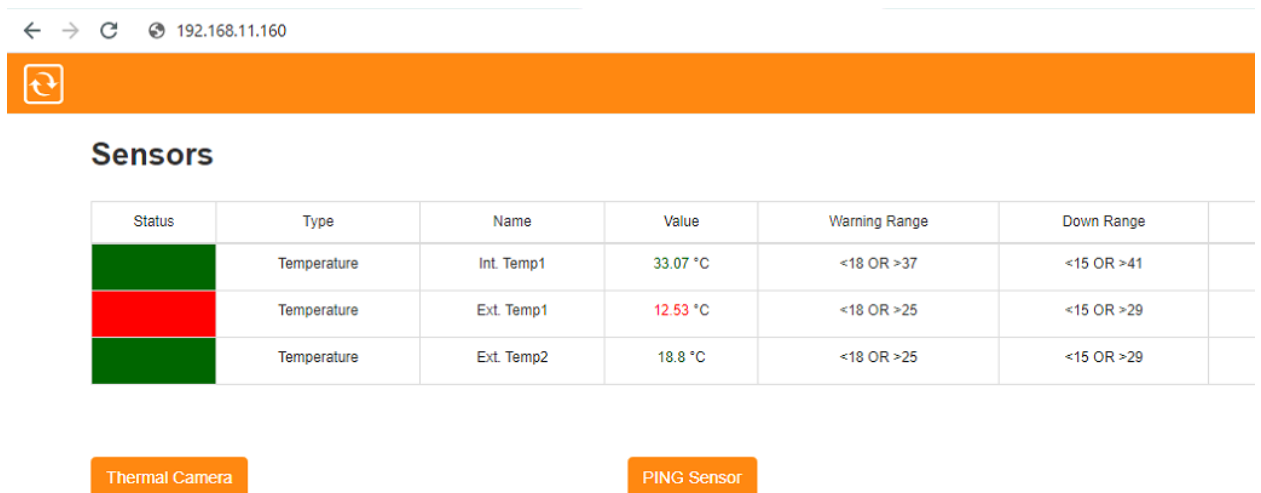
10. Click on the Internet Protocol Version 4 (TCP/IPv4) and then click on properties



- Click "Use the following IP address" and then type in 192.168.11.100 for the IP and 255.255.255.0 for the Subnet mask afterwards click OK.

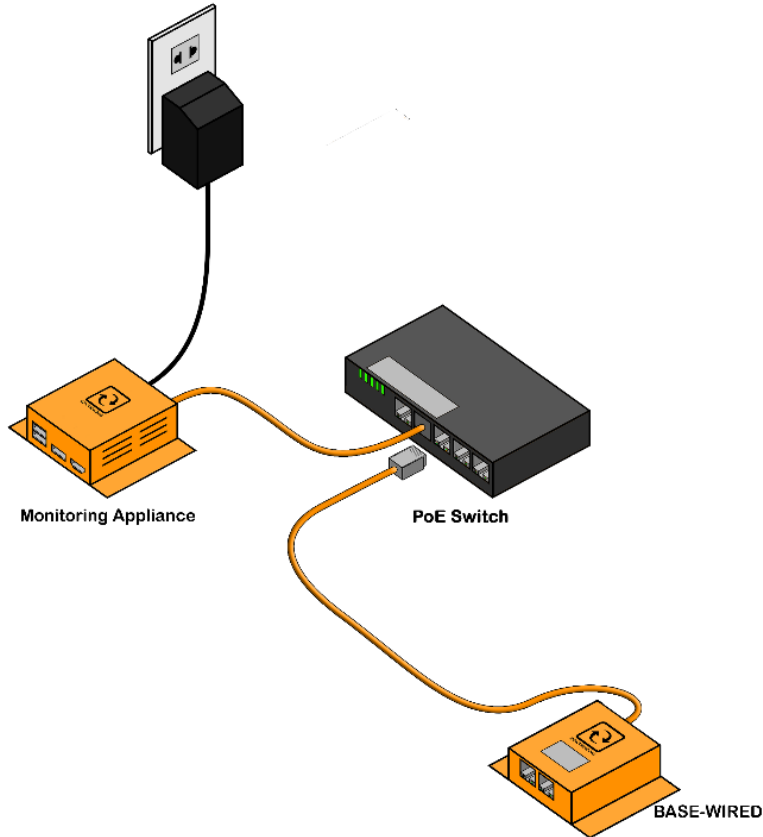


- Open a web browser (Chrome, Firefox, Edge, Opera etc..) and then type in 192.168.11.160 on the URL bar. (default username/password is admin/admin)

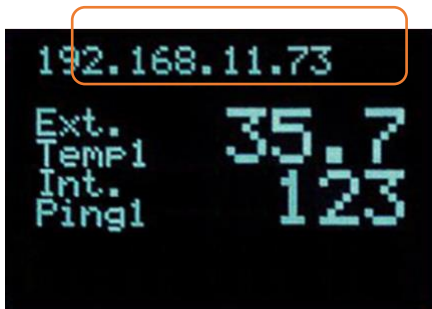


5.7. Connecting the SensorGateway and appliance within your current network

1. Connect your appliance (via WiFi or Ethernet) as well as your gateway (via Ethernet) into your network.



2. Plug the power adapter to power your gateway, if you have a PoE switch (Image above) then the SensorGateway does not need the power adapter.
3. The SensorGateway and Monitoring appliance should get an IP from your network.
4. You should see the IP address of the SensorGateway from the OLED screen.



- Using your appliance open a web browser (Chrome, Firefox, Edge, Opera etc.), and then type in the IP address of your SensorGateway on the URL bar. (default username/password is admin/admin)



The above example shows that the IP given to our gateway is 192.168.11.73

Note: More information regarding network connections on our user manual pages 14 – 19 http://manuals.serverscheck.com/InfraSensing_Sensors_Platform.pdf

5.8. Firmware Upgrade for the Gateway

We need to have the latest firmware installed to take advantage of all the features our SensorGateway can offer.

1. To update the firmware , we need to go to the settings page and click on Upgrade Firmware.

Settings & Info

Device information

Account name	admin	Change Password
Current System Date	01 Jan 2019	
Current System Time	00:52:17	Update Time
Hardware Version	Release 5.1	
Firmware Version	Release 8.42 (Apr 28 2020)	Upgrade Firmware
Mac Address	00:03:64:03:44:40	
IP Address	192.168.1.61	Change IP
Node Status (online/used/max)	4/6/51	Calibrate Sensors
		Covid-19 Config

2. Then upload the latest firmware.

Firmware Update

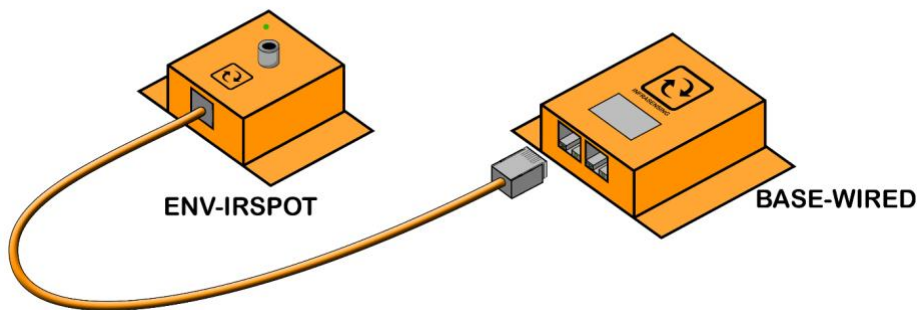
Select the firmware binary file

Firmware upgrades can be downloaded from our [support website](#).

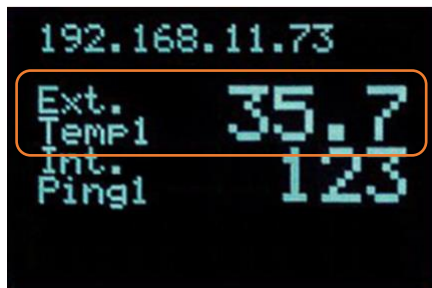
You may download the latest firmware from our website <https://serverscheck.com/support/firmware.asp>

5.9. Connecting the Sensors into your Gateway

1. Connect IR Spot Sensor into one of the probe ports of the SensorGateway using an Ethernet cable (RJ45 connector).



2. Cable length can go up to 100m/330ft using Cat6 / 7 Ethernet cables, once connected you should see values for the sensor appearing on the OLED screen.



3. Sensor values should also appear on the web GUI of the SensorGateway, you may check by accessing the web server using your browser and typing in the IP address of your gateway



Sensors

Status	Type	Name	Value	Warning Range	Down Range	Repeat Alarm
	Temperature	Int. Temp1	33.06 °C	<18 OR >37	<15 OR >41	<input type="checkbox"/>
	Temperature	Ext. Temp1	12.63 °C	<18 OR >25	<15 OR >29	<input type="checkbox"/>
	Temperature	Ext. Temp2	19.05 °C	<18 OR >25	<15 OR >29	<input type="checkbox"/>

Thermal Camera

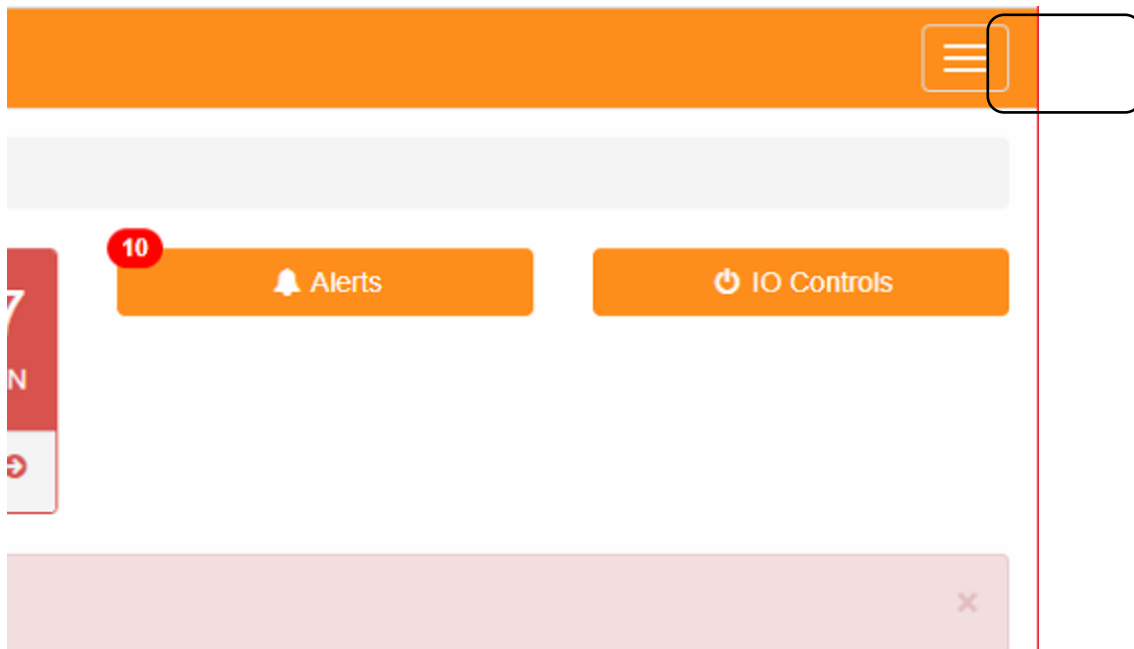
PING Sensor

5.10. Adding the Sensor data into your Monitoring Appliance

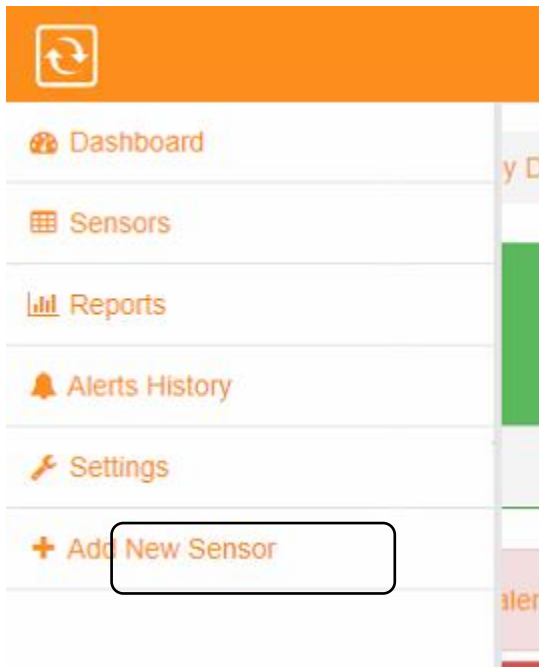
1. To open the software click on the ServersCheck Monitoring icon on your desktop. You may also access your software by typing in "localhost" on your web browser.



2. Click on the Menu icon located on the upper right portion of the software page.



3. A menu will appear on the left side , click on “Add New Sensor”



4. Click on the Covid kit option and then submit.

🔄

🏠 / Add New Sensor

What would you like to monitor?

- InfraSensing Sensors
- Covid-19 Kit 1 (IR Spot)
- Covid-19 Kit 2 (Thermal Camera)
- 3rd Party Sensors (SNMP)
- Network Connections
- Network Devices (Routers, Switches, Printers, ...)
- Servers (Windows & Linux)
- Websites

Submit

Missing a specific sensor type for your project? Our [special projects](#) can develop it.

5. Fill up the details, The IP address of your SensorGateway, enter your username and password (default is admin/admin), once done click submit.

🔄

🏠 / Add New Sensor / IRSpot

Add New IR Spot Sensor (Covid-19 Kit)

The system will scan the base unit for any connected IR spot sensors.

IR Spot Base Unit IP address

192.168.100.229

Sensor Web Interface's Username & Password

admin

Submit Back

- Your sensors should appear, along with configuration to set the temperature threshold. As shown on the image below, our recommended set up will be configured by default. You may also label the Station name where the sensor will be installed.

🏠 / [Add New Sensor](#) / [Covid-19 Kit \(IR Spot\)](#)

IR Spot sensors

Define below the settings for your Covid-19 IR Spot kit.

Success - IR spot sensor(s) where detected on the SensorGateway (base unit) ✕

Sensor Name	Sensor Type	Current Value
<input type="text" value="Entrance"/>	IR Spot Temperature	26.54
<input type="text" value="Exit"/>	IR Spot Temperature	0

Scan Station name

Temperature unit ▼
celsius

Privacy (Show Temperature or not) ▼
No, do not show temperature - default option

OK temperature range to
33 to 35.5

NOT OK temperature range to
35.5 to 45

Submit
Back

- Scan Station name – Label of the station the kit would be deployed
- Temperature Unit – Celcius or Fahrenheit
- Privacy – Option to show the temperature values or not , if the option is set to not show values,

Color Code for Live Screen:

Red – Above the value of the threshold

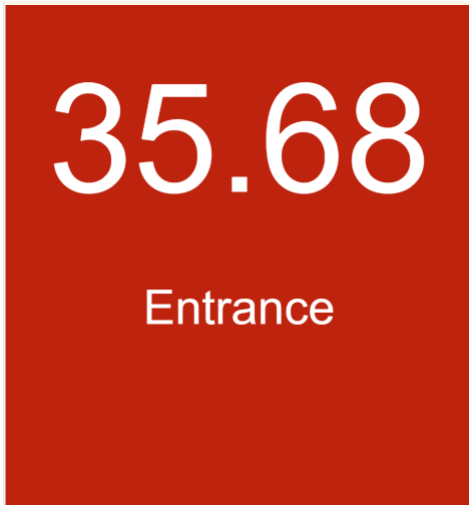
Green – Within the value of the threshold

Orange – Value is too High or too low

Below is the screen when you don't want to show the temperature



Below is the screen when you show the values



- OK temperature range – Where you set the approved temperature
- Not OK temperature range – Where you set the temperature threshold that needs attention

7. After adding your sensor, you may click on start monitoring.

🔄

🏠 / Add New Sensor / Covid-19 Kit (IR Spot)

IR Spot sensors

Device with IP 192.168.100.229 already exists. Updating device with new parameters.

Web credentials stored for this device

Success - The sensors have been added to the system and are now ready to be used

Start Monitoring

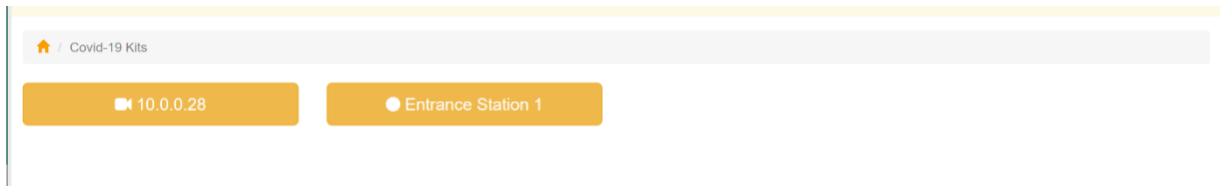
- Also on the homepage, under the ServersCheck logo, "Sensor Group by Type" click on "Covid-19 Kits". You may click the option and be brought to the same page

🔄

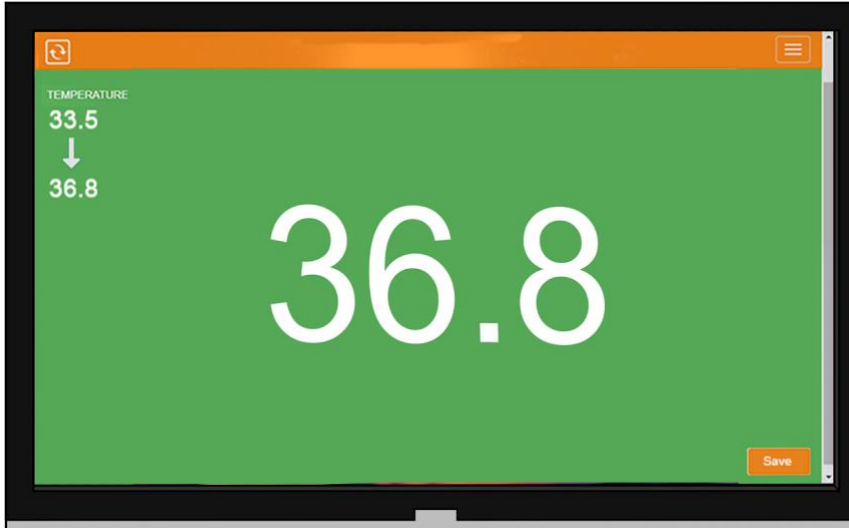
🏠 Sensors Grouped by Type / by Devices / by Groups / by Locations / Covid-19 Kits

<p>11 OK</p> <p>View Details</p>	<p>0 WARNING</p> <p>View Details</p>	<p>1 DOWN</p> <p>View Details</p>	
<p>AIRFLOW (1)</p> <p>0</p> <p>⊖ 0 ⊕ 0</p>	<p>DRY CONTACT (4)</p> <p>OK</p> <p>⊖ TRIG ⊕ OK</p>	<p>DUST (1)</p> <p>0.1</p> <p>⊖ 0.1 ⊕ 0.1</p>	<p>TEMPERATURE (6)</p> <p>10.4</p> <p>⊖ 22.9 ⊕ 0.0</p>

9. You should see an icon with your SensorGateway's IP address and or the name of the station you have assigned click on your sensor.



10. By clicking on your device you can see the live data.

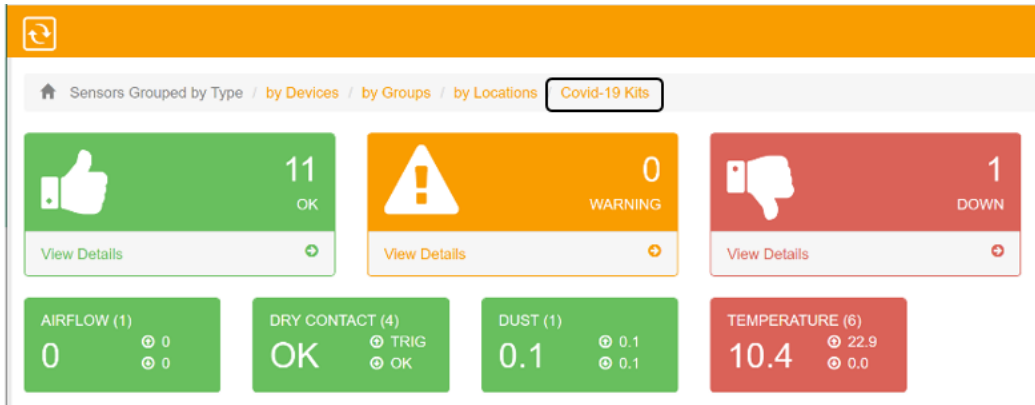


Note: Live data screen should always be open for data to continuously be recorded to our software. Indication is the screen above. If you're not on that window data being saved will stop. During monitoring make sure that you are always on the live screen page.

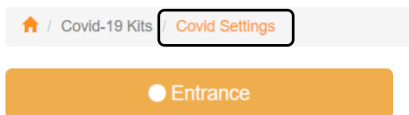
11. Congratulations! Your Covid19 Kit is now ready for use.

5.11. Updating your Covid Settings

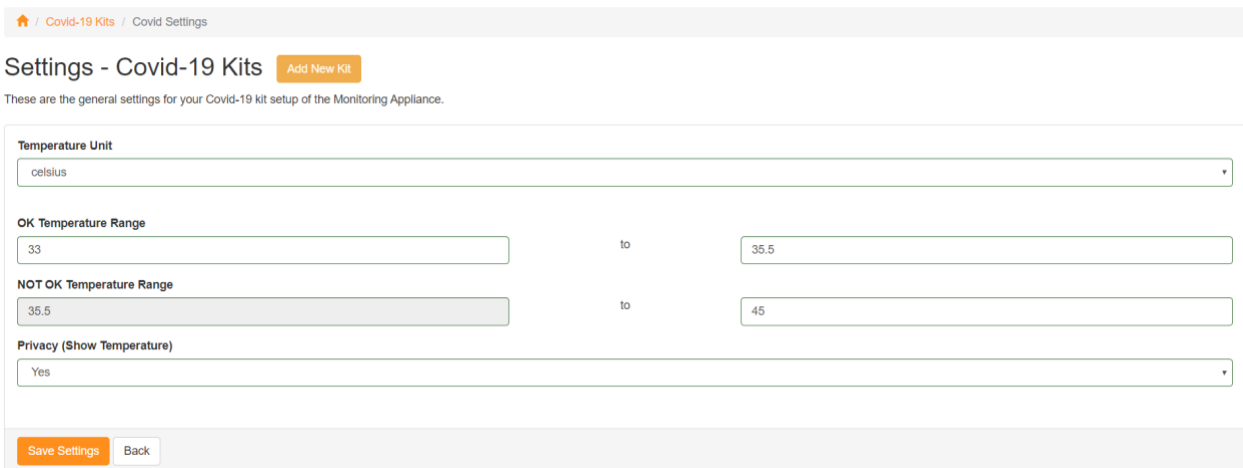
1. For existing sensors that you want to adjust the settings or update the privacy you may do so by going to your Covid page.



2. Then click on Covid – settings.



3. The settings page would show up similar to the page when we add a Kit.



4. Once you're done updating you may click on Save Settings and the new configuration will be applied.

6. Setup of optional items

6.1. Installing the sensor on the Optional Tripod

The optional tripod mount comes with a mount that place our sensors.



1. Using the 1st part on the image above, screw it on the top of the tripod.



2. Next is to stick the adhesive (White side of the mounting plate) on your sensor.



3. You can now mount the sensor on your tripod.



Here is an example on how it is set up.



6.2. Wall mount the sensors

To wall-mount the sensors, we recommend the use of 3M Command Strips Small Size. See mount instructions on following URL:

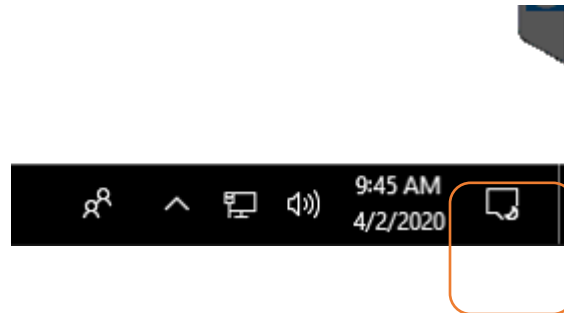
<https://multimedia.3m.com/mws/media/1132651O/command-instructions-17201es.pdf>

Order URL: https://www.amazon.com/Command-Refill-Strips-Small-GP022-64NA/dp/B0751RPC6Q/ref=sr_1_4?dchild=1&keywords=3m+command+strips+small&qid=1591557669&sr=8-4

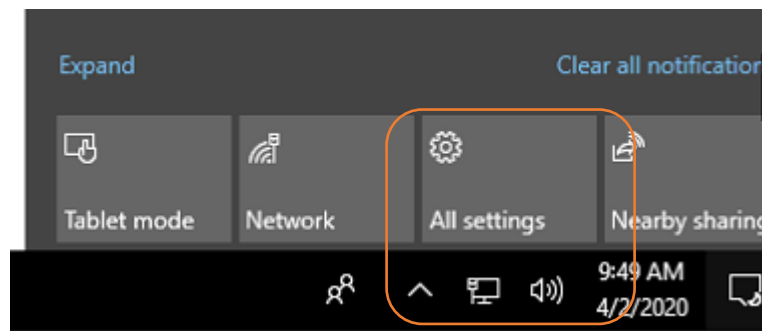
6.3. Connecting your appliance to a wireless display.

Since our appliance is using the Windows 10 operating system, it is compatible with some wireless display connection such as miracast or screen mirroring.

1. On your desktop screen (Monitoring Appliance) click on the options icon located on the right side of the time.

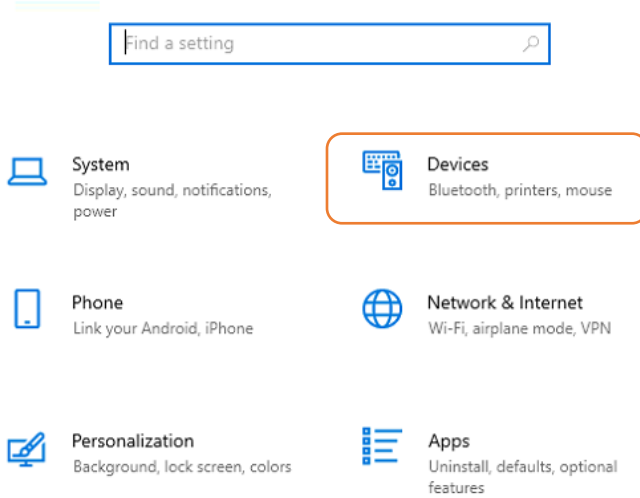


2. Then click on all settings.



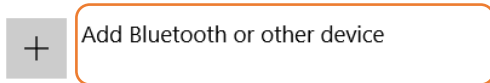
3. Then click on Devices.

Windows Settings



4. Click on "Add Bluetooth or other device"

Bluetooth & other devices



Bluetooth

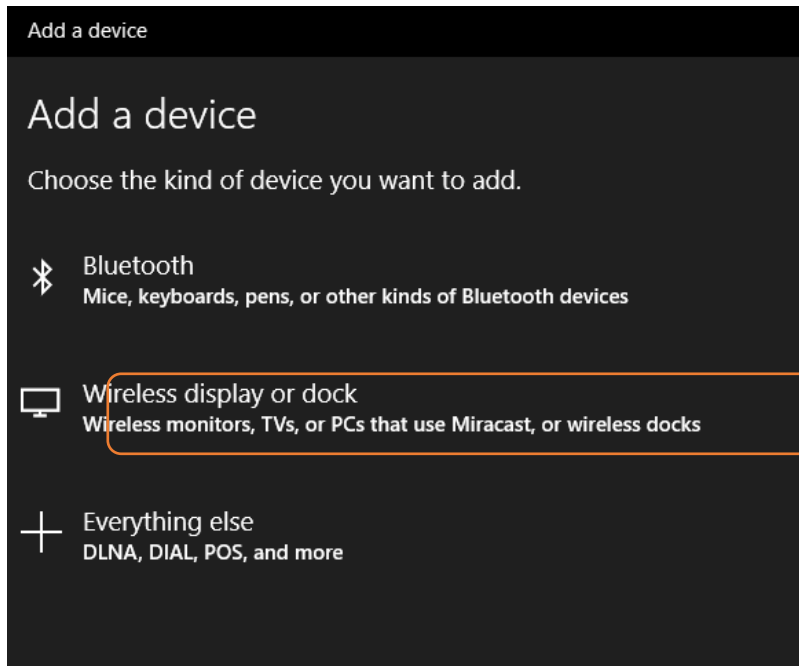


Now discoverable as "DESKTOP-6VNI6MG"

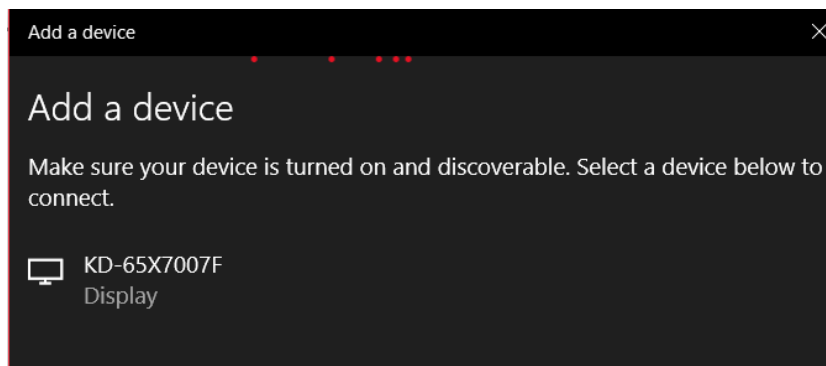
Audio



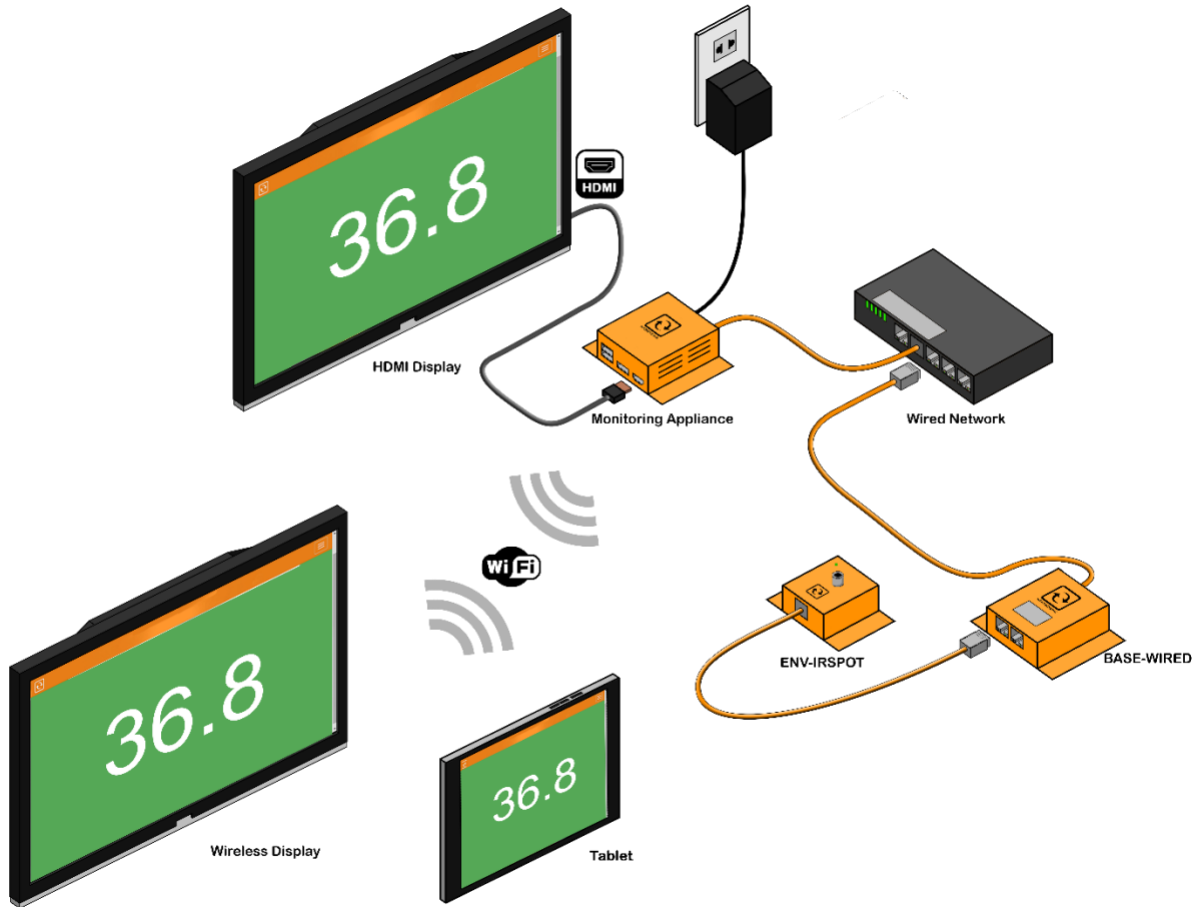
5. Choose Wireless display or dock



6. The next window will show the available display, Make sure that your device is discoverable. Choose the desired device to display your screen.

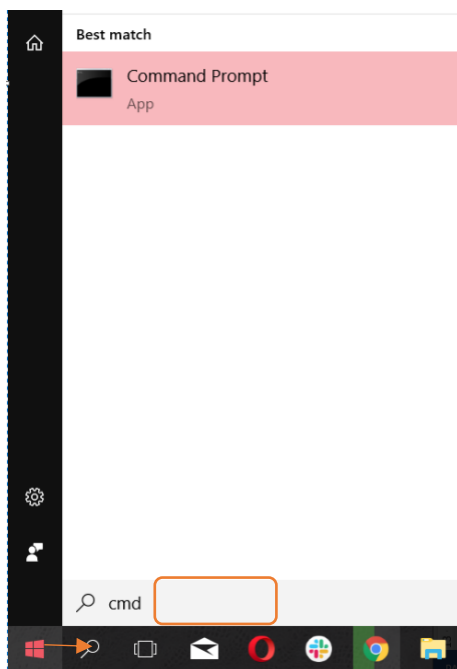


7. With screen mirror you can have 2 or more display Monitors showing the result of the scan.



6.4. Connecting to the software using your smart phone or tablet

1. Connect your smart phone or tablet (Wifi) to the same network of your appliance. as previously instructed the appliance can be connected on your Wifi network, connect your smart phone or tablet to the same Wifi network.
2. Identify the IP address of your appliance, to do this go to the screen of your appliance and then click on the windows logo then type in "cmd" and then press Enter.



3. A black window will appear (Command Prompt window), type in "ipconfig" on the new window and press Enter.

Administrator: Command Prompt

```
Microsoft Windows [Version 10.0.15063]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>ipconfig
```

4. Upon pressing enter sets of numbers will appear, take note of the numbers for the "IPv4 Address"

```
C:\WINDOWS\system32>ipconfig

Windows IP Configuration

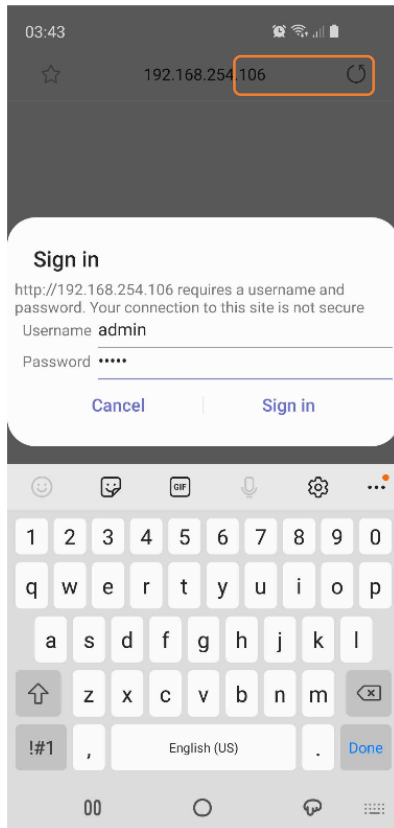
Wireless LAN adapter Local Area Connection* 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix . :

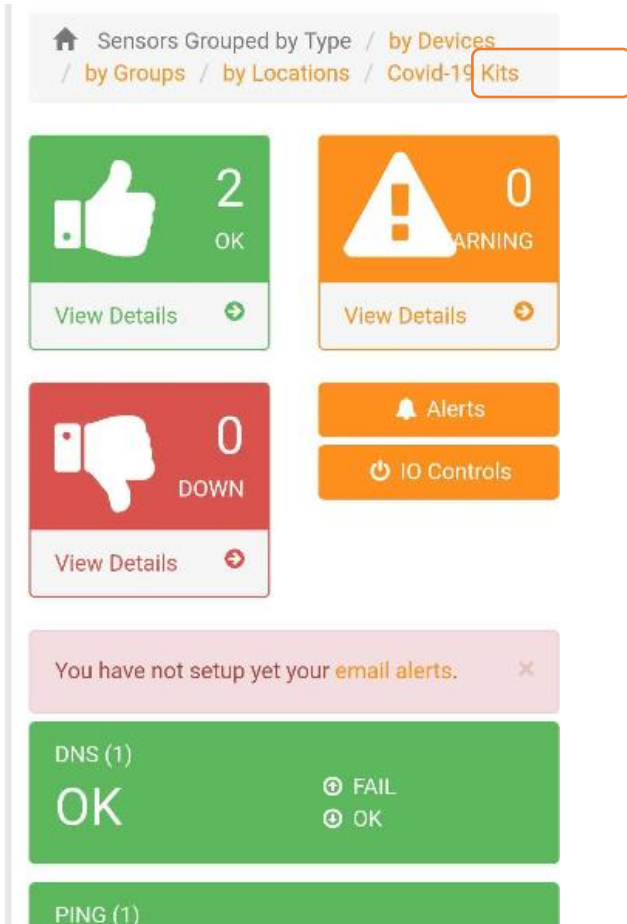
Wireless LAN adapter Wi-Fi:

    Connection-specific DNS Suffix . :
    Link-local IPv6 Address . . . . . : fe80::4411:48b:d06c:a5a8%2
    IPv4 Address. . . . . : 192.168.254.106
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.254.254
```

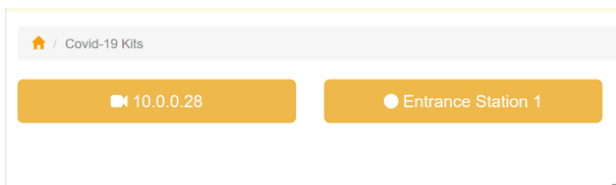
5. In our example the IP address the appliance is 192.168.254.106, now go to your smart phone or tablet that is connected to the same network as your appliance.
6. Open a browser and type in the IP address that we got earlier, In our example it is 192.168.254.106, you will be prompted with a username and password, just type in "admin" for the username and "admin" for the password and then sign in.



7. You will now see the home page of your monitoring software and to view your Covid19 special page, with your sensor already added on your appliance click on "Covid-19 Kits".



8. Then click on the IP address of your SensorGateway or the name of your Sensor Kit.



9. If you have already set up the sensor as per previous instructions you can now see the live image on your Mobile device.

6.5. Privacy mode

Privacy mode lets you choose between showing the temperature values on the live monitoring display or opt to hide it. By default the settings is set to not show the temperature values.

We can access the Privacy mode option upon adding a kit (**see section 5.8**)

🏠 / Add New Sensor / Covid-19 Kit (IR Spot)

IR Spot sensors

Define below the settings for your Covid-19 IR Spot kit.

Success - IR spot sensor(s) where detected on the SensorGateway (base unit) ✕

Sensor Name	Sensor Type	Current Value
<input type="text" value="Entrance"/>	IR Spot Temperature	26.54
<input type="text" value="Exit"/>	IR Spot Temperature	0

Scan Station name	<input type="text" value="Entrance"/>		
Temperature unit	celsius		
Privacy (Show Temperature or not)	No, do not show temperature - default option		
OK temperature range	<input type="text" value="33"/>	to	<input type="text" value="35.5"/>
NOT OK temperature range	<input type="text" value="35.5"/>	to	<input type="text" value="45"/>

And should you need to update the setting, we can also access it through the Covid settings page. (**see section 5.9**)

[Home](#) / [Covid-19 Kits](#) / [Covid Settings](#)

Settings - Covid-19 Kits [Add New Kit](#)

These are the general settings for your Covid-19 kit setup of the Monitoring Appliance.

Temperature Unit

celsius

OK Temperature Range

33 to 35.5

NOT OK Temperature Range

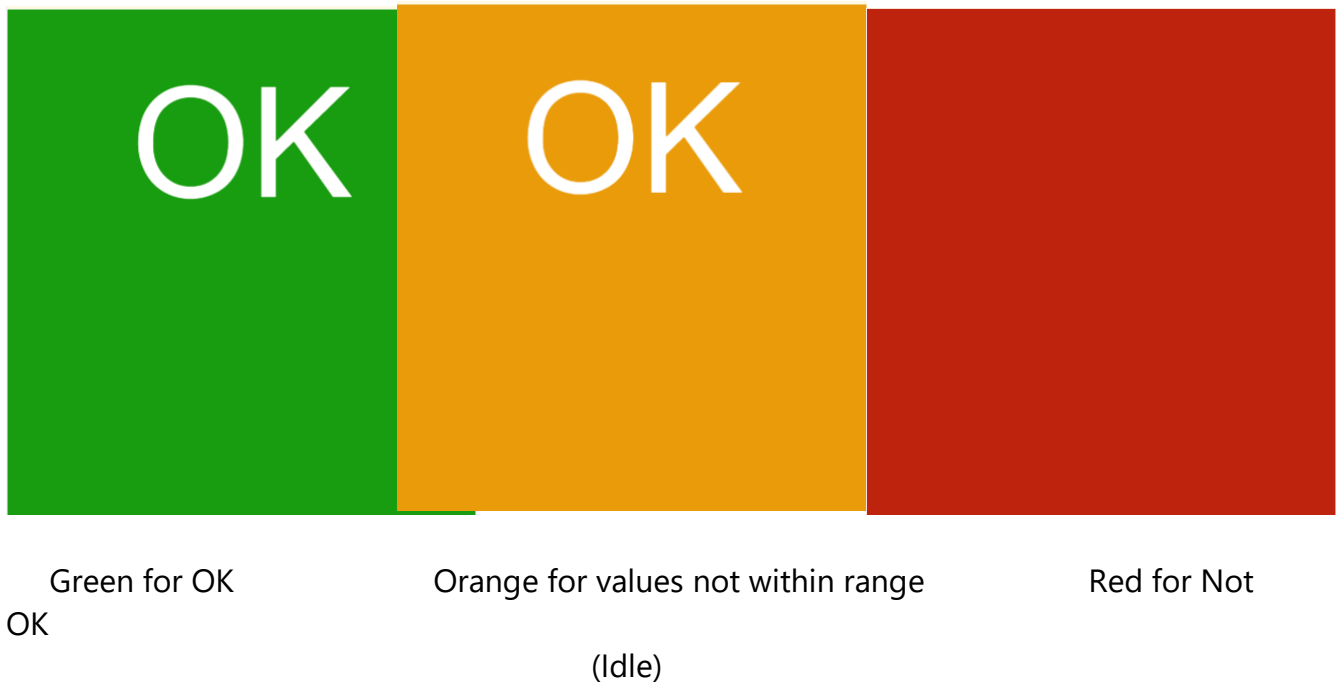
35.5 to 45

Privacy (Show Temperature)

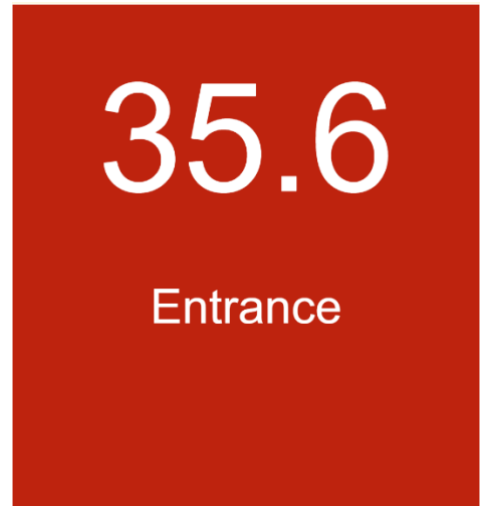
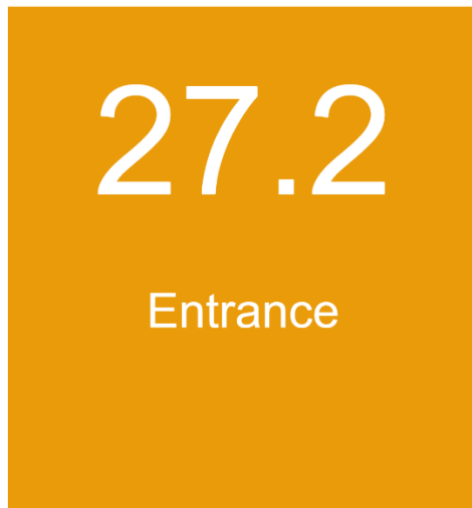
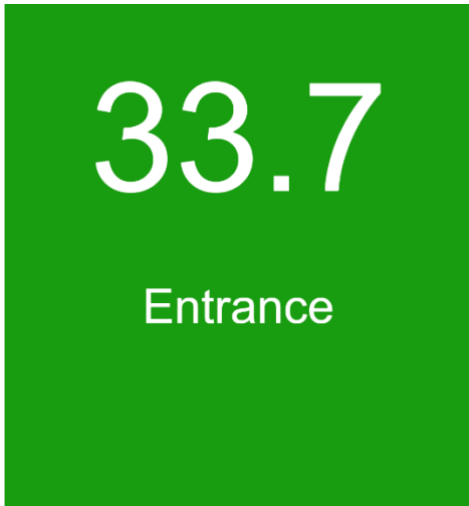
Yes

[Save Settings](#) [Back](#)

Here are sample screenshots when the Privacy Mode is turned to not show temperature values



And here are sample screenshots when Privacy Mode is turned to show temperature values.



Green for OK

Orange for values not within range
(Idle)

Red for Not OK

7. Support resources

This manual is intended as a quick install guide for our Covid-19 Kit 1 with the IR Spot. The product is based on modifying existing hardware and software to enable the measuring of the temperature of human skin.

As it is based on existing products, additional support resources are available to use the products beyond the initial purpose of live temperature monitoring.

7.1. Free technical support

All products come with a life time free technical support. This is available to all customers and is free. To access the free support you go to <https://community.serverscheck.com>

Optional paid support is available as ServersCheck Care packages that can be purchased from your myServersCheck account (<https://my.serverscheck.com>)

7.2. Sensor platform manual

The sensor manual provides more information on how to configure alerts straight from the base unit. For example you can generate alerts via Email (including Slack integration), SMS, Voice and SNMP trap alerts for the SensorGateway.

Link to user manual of the sensors:

http://manuals.serverscheck.com/InfraSensing_Sensors_Platform.pdf

Setting up the threshold for your sensors can be found from pages 29-30

Setting up Email alerts including slack integration can be found from pages 31-38

Setting up SMS and Voice alerts can be found from pages 47-53

7.3. Monitoring Appliance & Software manual

The user manual for the Monitoring Software (and Appliance) is available on http://manuals.serverscheck.com/Serverscheck_Monitoring_Software.pdf

The manual explains how you can create reports, access data and more.