

Thermal Screening Kit

COSEC FEVOBOT



Introduction

This guide describes how to install Temperature Sensor with compatible Devices for an easy and brisk way to cater temperature logging requirements.

With '*Thermal Screening Kit*', the human body temperature will be measured which will be then displayed by connected Matrix Door Solution. Based on the detected temperature and configuration in COSEC, the user will be allowed or denied for access of the doors.

Please read this guide first for correct installation and retain it for future reference. The information in this guide has been authenticated at the time of publication.

However, Matrix Comsec reserves the right to make changes in product design and specifications without prior notice.

Pre-Installation Safety Instructions

1. Do not install the sensor in extremely hot temperature or under direct sunlight on turnstile or at extra bright places. For best result, install the sensor in ambient temperature less than 35 °C.
2. Do not install the device in outdoor areas which may be exposed to rain, cold and dust. You can do indoor installation or on the turnstile under the roof.
3. You can mount the device on a flat surface such as a wall or Elevator, close to the access point (door).
4. Do not install near volatile inflammable materials.

What's Your Package Contains

- (1) FEVOBOT Auto Fever Detection



- (2) USB Cabel
- (3) BRKT Wall Mount (for COSEC VEGA)
- (4) ENCL Wall Mount SPCR (for COSEC VEGA)
- (5) ENCL Back Cover (for COSEC VEGA)

Compatible Devices

Below list of device (Direct Door) are compatible with the Thermal Screening Kit through which the temperature will be recorded.

- COSEC Door PVR (V01R52 & onwards)
- COSEC Door V3 (V01R51 & onwards)
- COSEC Door V4 (V01R11 & onwards)
- COSEC Door FMX (V01R24 & onwards)
- COSEC VEGA (V01R43 & onwards)
- COSEC ARGO (V01R16 & onwards)

Note:

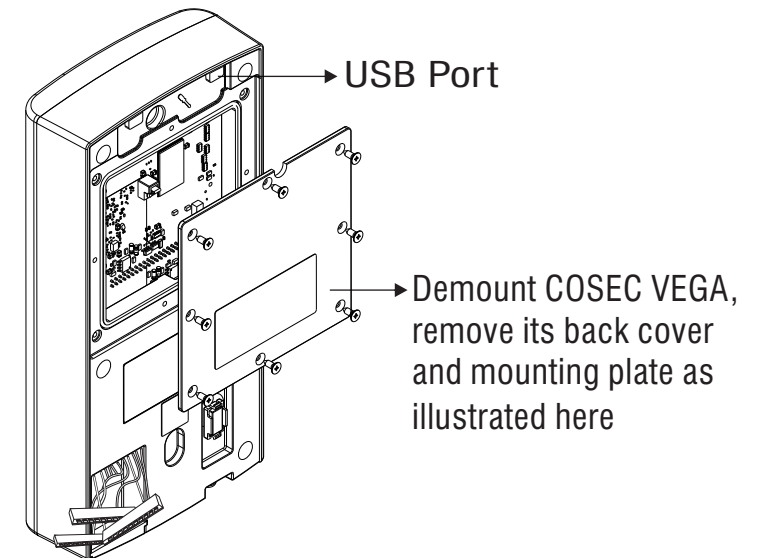
- *The connection of USB Interface with ARGO is possible only via OTG connector (USB to Micro USB).*

Installation Guidelines

Sensor Mounting location plays vital role on its use and operation. Be sure to identify a location that meets following guidelines,

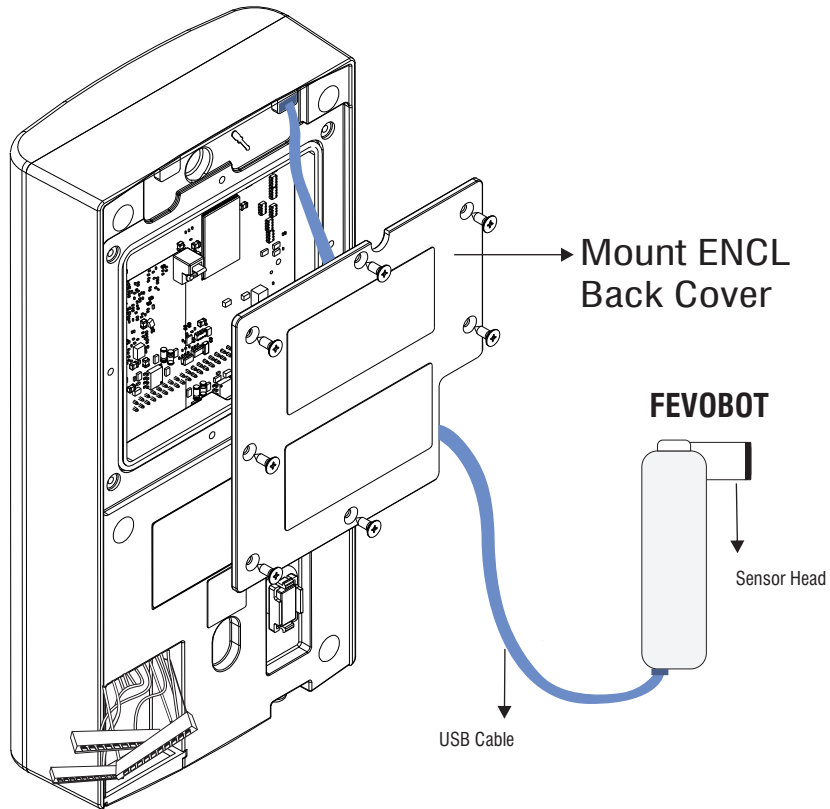
- 1) Find out the suitable place beside or above installed COSEC Door where the COSEC FEVOBOT can be mounted by using drill and screws.
- 2) For all devices other than COSEC VEGA, insert the USB interface directly into the USB port of respective device.

For COSEC VEGA, follow further instructions.



COSEC VEGA

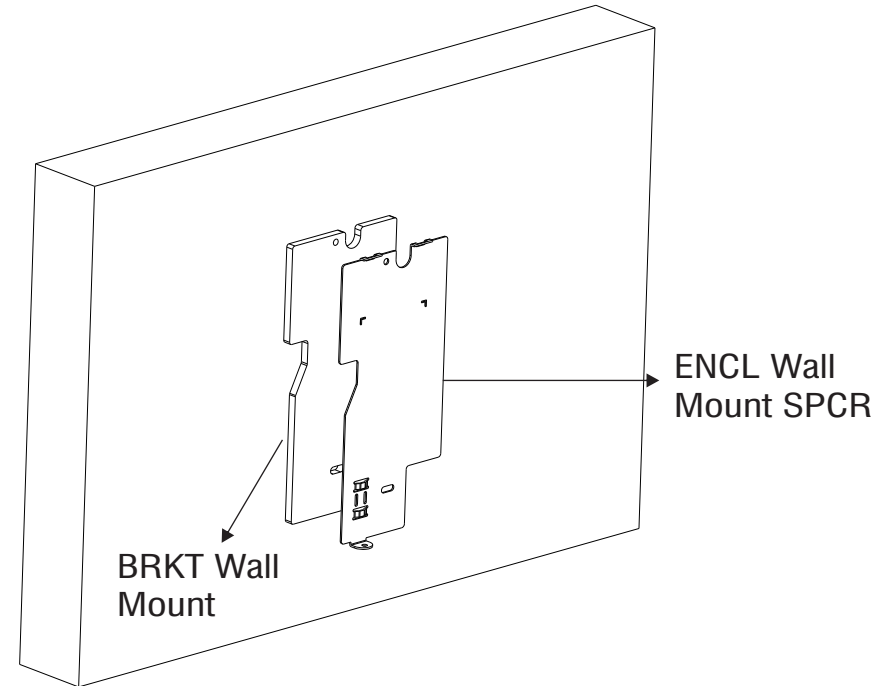
4) Now, connect COSEC VEGA and FEVOBOT Sensor through the USB Male - USB Female cable as illustrated in below diagram.



COSEC VEGA

5) Once the USB Connections are completed, mount COSEC VEGA by using Back Cover and Mounting Plates received with Screening kit.

6) Sequence of Mounting Plates should be as shown below While Mounting COSEC VEGA.

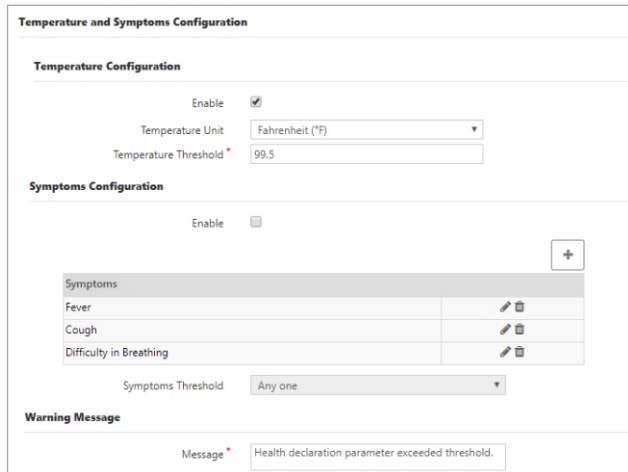


- **Note:** For detailed Installation of COSEC VEGA, refer Quick Installation Guide of COSEC VEGA on www.matrixaccesscontrol.com

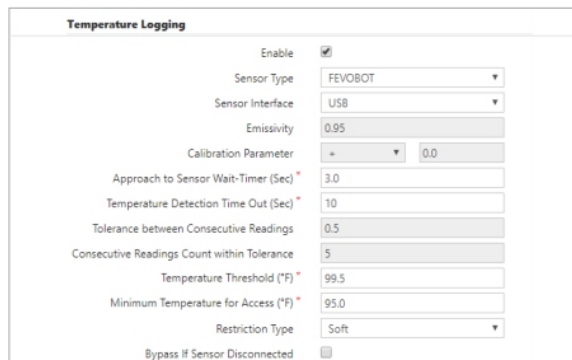
Verify Configuration at COSEC Server

Login to the COSEC Server(V16R05 & onwards) with system administrator and configure the Temperature Parameters

- **Admin > Global Policy > User > Temperature and Symptoms configuration**



- **Device > Device Configuration > Advanced > Temperature Logging**



Note: Refer COSEC Server User Guide for the detailed configuration.

Technical Specifications

Operating Environment	Temperature : 10°C to 40°C (50°F to 104°F) Humidity : Between 15% and 95%
Storage Conditions	Temperature : 10°C to 40°C (50°F to 104°F) Humidity : Between 15% and 95%
Battery Backup	1800 mAh Lithium Battery 24hours backup on standby
Power Supply	5V DC using micro-USB
Power Consumption	228mW
Accuracy	99.5% ($\pm 0.2^{\circ}\text{C}$ for multi-point validation between 30°C to 42°C)
Measurement Range	35°C to 43.2°C (95°F to 109°F)
Resolution	0.1°C / 0.1°F
Sensor	OMRON Thermopile array sensor (non-contact infrared sensor)
Display	4 nos. of a single color, 7 segments LED display (0.56-inch Character Size)
Sound Feedback	Safe : Single Beep, Unsafe : Beeps 5times, Noise Level : 85 Db

Disposal of Product after End-Of-Life

WEEE Directive 2002/96/EC

The product referred is covered by the waste Electrical and Electronic Equipment (WEEE) directive and must be disposed of in a responsible manner.

At the end of product life cycle; batteries, soldered boards, metal components and plastic components must be disposed through recyclers.

If you are unable to dispose-off the products or unable to locate e-waste recyclers, you may return the products to Matrix Return Material Authorization (RMA) department.



SECURITY SOLUTIONS

MATRIX COMSEC

Head Office

394-GIDC, Makarpura, Vadodara - 390010, India

Ph: (+91)1800-258-7747

Email: Support@MatrixComSec.com

www.matrixvideosurveillance.com