



INTEGRATED HAND SANITIZER WITH ACCESS CONTROL



INTEGRATED HAND SANITIZER WITH ACCESS CONTROL

CALMS Integrated Hand Sanitizer with Access Control enables companies to enforce compulsory hand sanitization to ensure those gained access have sanitized hands. With everyone being extra careful to minimize human contact, the automated contactless hand sanitizer built-in with temperature sensor helps to keep the hands germ-free.

The hand sanitizer comes with indicator light to identify temperature range captured. The sensor installed in the dispenser senses your hands and temperature, dispense the controlled amount of sanitizer and scan your temperature. In case high temperature is detected, the alarm will beep and access control will prohibit the access.

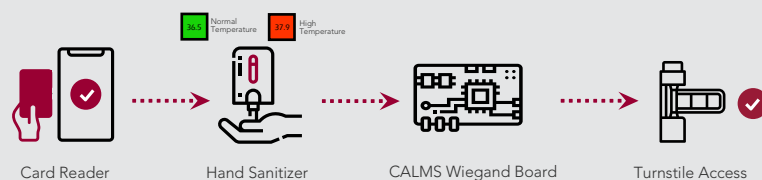
The solution is simple to be implemented where you just need to add the hand sanitizer unit together with 2FA controller to the current access control system. The implementation is through Wiegand interface replacing where your existing card reader is connected. Once connected, the 2FA controller will receive the card information from the card reader but will only pass to the access control the card information after the hand sanitizer has been executed.

The solution is beneficial for organizations to automate their company compliance requirements in the midst of pandemic. With this solution, it helps to know that those granted access is complying with the Standard Operating Procedures (SOP) without having to replace existing infrastructure to protect employees and business.

SYSTEM ARCHITECTURE

Card Reader with Hand Sanitizer

Access can be granted at the turnstile once employees or visitors sanitized their hand



Wiegand board	Specification
Voltage Input	• 12 Vdc
Current input	• 2 Amp
Wiegand Input	• (2 port) 32 bit Wiegand Input
Wiegand Output	• (1 port) 32 bit Wiegand Output
Analog Input	• 2 Input (5V max input)
Digital Input	• 2 Input (5V max input)
Digital Output	• 2 output (5V)

Sanitizer	Specification
Product Size	• 150MM*100MM*240MM
Product Material	• SS304+PM MA/SS201
Max Power	• 3W
Power Supply	• 4 batteries No. 5 or DC6V2.1A
Product Features	• Detection of body temperature and automatic induction of no-wash hand sanitizer disinfection
Body Temperature Display	• Digital display
Measurement method	• Infrared sensor
Temperature measurement distance	• 5-OCM
Temperature measurement range	• Body temperature (32°C to 42.9°C, 89.6°F to 109.2°F)
Allowable error	• +0.3°C
Temperature measurement time	• 2 Seconds
Bottle capacity	• 1000 ML
Liquid Type	• No wash hand sanitizer, ordinary hand sanitizer
Discharge method	• 1000 ML
Working environment	• 10°C"-'40°C(50°F"-'104°F) Humidity V85%
Storage environment	• -20°C"-'55°C(-4°F"-'131°F) Humidity V85%
Temperature unit	• Celsius (°C) Fahrenheit (°F)
Weight (net weight)	• 9 KG



ISO 9001: 2015 CERTIFIED

CALMS Technologies Sdn. Bhd. (200201006379)

Block DC3, Server Farm, UPM-MTDC Technology Centre , Universiti Putra Malaysia, 43400 Serdang, Selangor, Malaysia.

Telephone +603.8959.7343
Telefax +603.8959.7342

Enquiries peaceofmind@calms.com.my
Log on to <http://www.calms.com.my/>

Authorized Dealer / Reseller