



NEXUS

Comelit®

The verification of the body temperature is crucial to counteract the transmission of the COVID-19 virus. As stated by the experts, the main weapon we have available to combat the infection is the limitation of contact with infected people.

Radiometric technology is the only tool that allows us to effectively monitor visitors from a safe distance. Comelit radiometric thermographic cameras allow you to:

- **Take a quick and accurate measurement of body temperature**
- **Avoid long waiting queues and people gatherings**
- **Avoid unnecessary contact with staff**
- **Eliminate the need of support staff**



Wrist skin temperature detection



Voice alarm for absence of protective mask



Integrate with Access Control systems via Wiegand Protocol



Recording and playback software

NEXUS

Facial recognition panel with body temperature measurement.

- 8 inch LCD screen
- 2MP Binocular lens, $f = 3.97\text{mm}$ @ F1.6
- High precision body temperature measurement $\pm 0.3^\circ\text{C}$
- Camera with integrated DVA (Deep Video Analysis) algorithm for facial recognition
- Facial recognition also works with the mask worn
- Facial recognition at a distance up to 2.2m
- Maximum database capacity: up to 20,000 faces
- True WDR 120dB: improves the facial recognition rate even in situations of strong backlight
- Input and output Wiegand protocol (26-34 Bit) for integration with access control system
- Alarm inputs and outputs + door release output
- Integrated microphone and speaker
- Voice alarm when abnormal body temperature or no face mask is detected
- Full integration with Comelit Advance NVR's and VMS software
- Full integration with Comelit Advance APP with PUSH notification service
- Tamper alarm
- Stand-alone operation
- Bidirectional audio
- Micro SD Card slot (up to 128Gb)
- White LED light, up to 3m
- IP66 rated
- USB port



ACCESSORIES



BRKPAN-LA
Floor bracket
for NEXUS



BRKPAN-SA
Table bracket
for NEXUS

LOW FLOW SCENARIOS

High precision contactless body temperature measurement **up to 30 people per minute** with real-time alarms and integrated facial recognition.



FACTORIES



HOTELS



SPA



MUSEUMS



GYMS



RETAIL

DEEP ROOTS, GLOBAL VISION.

Comelit's strong international vocation originates from its close ties with the area in which it was created and in which its headquarters are still located today (Val Seriana, to be precise). Comelit exports to over 70 countries worldwide: this articulated sales structure integrates shared know-how with the awareness of specific requirements in each market.



www.comelitgroup.com



Global offices and branches

Italy (General HQ)

France

Germany

Spain

Ireland

Belgium

Netherlands

Great Britain

Ireland

Greece

United Arab Emirates

Russia

Hong Kong

Singapore

Vietnam

Indonesia

Australia

Colombia

United States of America

COMELIT IN NUMBERS

97

Countries in which we have performed installations

20,000,000

Door entry monitors installed

320,000 m²

The largest single door entry monitor system CREATED

(110 buildings, 11,250 apartments)



1



2



3



4



5



6



7



8



9



10



11



12

1. Ho Chi Minh City Vietnam, Hado Centrosa Garden

2. Singapore, The Clement Canopy

3. USA, NY, Manhattan, Sty town

4. Monaco, Tour Odeon

5. UK, London, Riverlight residences

6. Spain, La Coruna, Trebol Tower

7. Holland, Rotterdam, New Orleans Tower

8. UAE, Dubai, Palm Jumeirah

9. Qatar, Doha, Sidra Hospital

10. UAE, Abu Dhabi, Sun and Sky Towers Al Reem Island

11. UK, Poole, Moriconium Quay

12. Hong Kong, Grand Central