

ISGUS Terminal IT 8210 FR

FACE RECOGNITION



The biometric IT8210 FR terminal supports Workforce Management and Employee-Self-Service functions based on latest Face Recognition technology: touchless, fast and reliable.



IT 8210 FR for Time & Attendance

- » Two full HD cameras ensure reliable and quick identification < 0,8 sec.
- » Inbuilt infrared camera for life recognition
- » With motion sensor for activation of cameras, to avoid random bookings
- » Capturing of facial data via enrolment kit with automatic distribution to other terminals
- » Optional card readers: ISGUS Prox, Hitag 1, EM 4102, Mifare DESfire, LEGIC advant, others
- » Easy-to-read 7" TFT colour display with responsive touch screen and 800x480-pixel resolution for clear user information and text messages
- » Multi-touch screen made of robust glass (3 mm) with display contrast ratio of 850:1
- » Presence and absence bookings
- » Creation and approval of workflow requests for updates, absences, etc.
- » Retrieval of accurate information on any time account, such as working time balance, over-time, remaining holiday entitlement, etc.
- » Booking of absences for specific reasons, e. g. business trip, business travel, doctor's appointment, etc.

- » Storage of up to 50,000 bookings
- » Multi-client capability for up to 50 clients (optional)
- » Ideally suited for SaaS environments
- » Contactless and biometric booking, readers and badges optional
- » Identification and verification (with PIN code and/or transponder) for up to 500 users



IT 8210 FR for Access Control

- » Door opening via integrated relay
- » Two inputs for door status monitoring
- » Access-on-Card: profile registration for digital locking systems



IT 8210 FR for PDC (optional)

- » Virtually unlimited number of data capture routines via touch screen
- » Comfortable recording of collective orders
- » Validation checks with instant feedback during data capture
- » Up-to-date information on open orders and remaining quantities

Technical Information IT 8210 FR

Biometric recognition: The identification procedure used by ISGUS does not store any user images. The stored data is encrypted beforehand. A reference to a natural person cannot be established.



Biometric indicators

- » False Acceptance Rate (FAR): 1:1,000,000
- » True Acceptance Rate (TAR): 99.76%
- » Spoof Acceptance Rate (SAR): < 0.1%

Badge reading technologies

- » ISGUS Prox » LEGIC prime
- » Hitag 1 » LEGIC advant
- » EM4102 » Others upon request
- » Mifare DESFire

Power supply

- » External power supply unit: 24 V DC
- » Internal power supply unit: 100-240 V AC
- » Integrated battery back-up ensuring full availability of the booking function in the event of a power outage (optional)
- » Power over Ethernet (PoE) in compliance with IEEE 802.3af, performance class 0

Typical power consumption

- » 7.5 W

Power saving mode

- » 4.0 W

IT 8210 FR for Web connection

- » Integrated web server allowing for parametrization via a web browser
- » Intranet and Internet connection via http or https
- » DHCP and DNS support

Place of installation

- » Designed for indoor use
- » Ambient temperature: -10° C to +40° C

Rel. humidity

- » Max. 85 % (non-condensing)

Network connection

- » Ethernet 100/1000 Mbit/s
- » RJ-45
- » Authentication acc. to IEEE 802.1X (EAP-TLS)

Data transmission protocol

- » http
- » https

Protection type

- » IP 65 (front side)

Protection class

- » II / EN 62368-1

Weight

- » Approx. 1 kg (depending on model)

Dimensions

- » Height: 205 mm
- » Width: 190 mm
- » Depth: 67 mm

Accessories

The FR Enrolment Kit is mandatory for capturing biometric visual field data. The kit consists of:

- » Intel RealSense camera module
- » Tripod
- » USB cable for connecting to a PC
- » Enrolment software

