GAT Access 6100 F Enrollment Station
Read/Write Station for Fingerprints

Application

The combination of identification with RFID data carriers (Radio Frequency Identification) and verification with fingerprint enables optimal protection against misuse of personal data carriers in leisure facilities such as swimming pools, spas and gyms.

The reading station GAT Access 6100 F Enrollment Station records the fingerprints of two fingers from each visitor and stores these fingerprints directly onto the personal RFID data carriers of the visitors.

For entry control the GAT Access 6100 F with fingerprint reader GAT FR 050 is used.

Information for user guidance is displayed via a graphical monochrome display (LCD).

Functional description

On entering the leisure facility the visitors record fingerprints of two fingers at the GAT Access 6100 F Enrollment Station. Firstly the operating personnel selects the recording function at the station. Then the visitor places a finger onto the sensor field three times and after that he holds his personnel followed by placing their RFID data carrier on to the round scan field in order to write the fingerprints onto the data carrier. The fingerprints are only stored on the data carrier and not in the GAT Access 6100 F Enrollment Station. This process is then repeated for a second finger which is recorded and stored in the same way. The fingerprints are only stored in the data carrier and not in the GAT Access 6100 F Enrollment Station.

Highlights

- User guidance via monochrome display (LCD), 4-segment LED display, illuminated round scan field and beeper
- Optical fingerprint reader with identification in less than 1 second
- RFID read/write frequency 13.56 MHz
- Reading of MIFARE Standard data carriers
- Storing the fingerprints only on the MIFARE data carriers
- Fingerprints are not stored in the Enrollment Station

Order information

Description	PartNo.
GAT Access 6100 F Enrollment Station Table station for reading fingerprints and writing them to the MIFARE data carriers, with internal, contactless MIFARE reader with black-white display (LCD)	174327

Accessoires

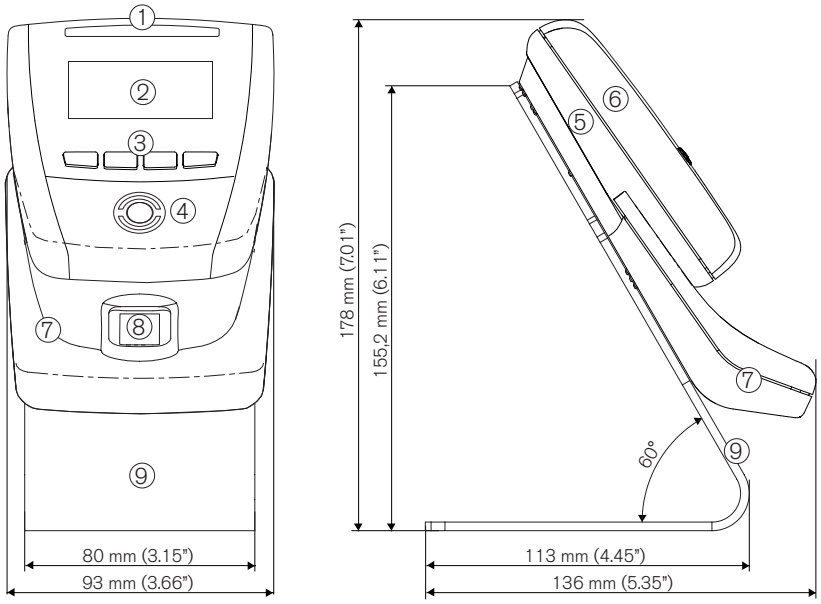
Description	PartNo.
GAT Access 6100 F Terminal for entry control with integrated, contactless MIFARE reader with black-white display	776487
GAT FR 050 Fingerprint reader for GAT Access 6100, wall mounting	564078
GAT Reader WK Tool to open the reader housing	581683

Technical data

Nominal voltage	12/24 VDC (SELV - safety extra-low voltage)
Permitted imput voltage:	10 to 28 VDC
Aver. power consumption:	- Full operation sensor in: 4.5 W - Full operation sensor out: 3.5 W
Data storage:	Internal EEPROM memory for configuring and booking memory, data preservation min. 10 years
Internal clock:	Data preservation approx. 12 h (Gold-Cap)
Reader type:	MIFARE Standard
Frequency of reading field:	13.56 MHz
Control elements:	- 4 function keys - RFID reader
Scanner type:	Optical sensor, 500 dpi @ 8 bit per pixel, active area: 13 x 20 mm
Verification time	< 0.8 sec.
Identification time:	< 1 sec.
False acceptance rate:	0.01% (recommended), adjustable over wide fange

Display elements:	- Full graphical monochrome display (LCD) with white LED background lighting, resolution 128 x 64 pixels, visible area 50 x 25 mm - RFID reader (illuminated) - Acoustic signal - 4-segment LED display with different colours
Host interface:	Ethernet 10/100 MBit/s
Housing material:	Plastic
Dimensions:	93 x 107 x 33 mm
Permitted ambient temperature:	-10 to +55°C
Storage temperature:	-20 to +70°C
Relative humidity:	20 to 80%, non-condensing
Protection type:	IP 54
Protection class:	III
Weight:	Approx. 1 kg
Environment class based on VDS 2110:	II (conditions in indoor areas)
Certification of the GAT FR 050 finger scanner:	CE and FCC15

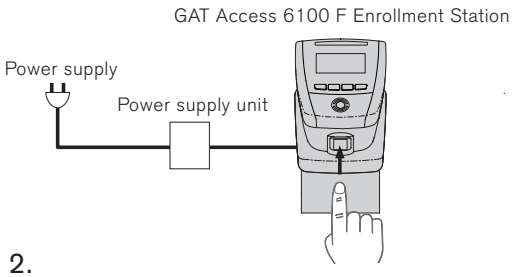
Dimensions



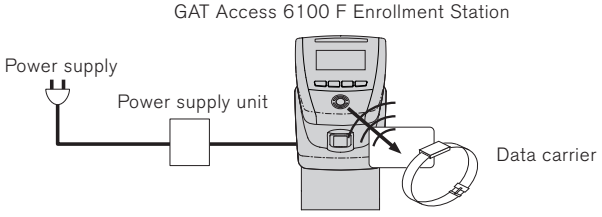
1. 4-segment LED display
2. Monochrome display (LCD)
3. Function keys
4. Illuminated, round scan field
5. Device back part
6. Device upper part
7. Fingerprint reader
8. Scan field
9. Stand

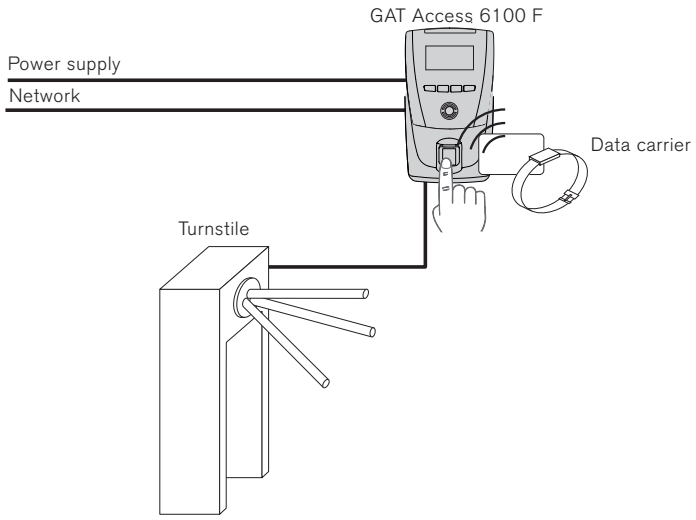
Typical application

1.



2.





Valid as from July 29th 2011 • Technical data subject to modifications without notice!
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