gantner
INSPIRED ACCESS

GAT ECO.Lock 71x2 F/ISO

Battery-powered, robust RFID locker lock with optional wireless interface

FACTS AT A GLANCE

- Clear status indication via button position
- Time-controlled use - automatic opening function
- BLE and NFC interface for operation via smartphone
- Vandalism-proof installation
- Intuitive and unique single-handed operation
- NFC compatible
- Powered by conventional alkaline batteries
- Versatile operating modes - free locker selection, personal locker, or time-limited locker
- Simple retrofitting of existing lockers - no wiring, existing holes can be used
- Mechanical locking (motor) for maximum reliability
- Configuration via PC, data carrier, or NFC (MoLA mobile app)

The RFID specialist once again proves that Gantner is a pioneer in the field of locker locking technology with its intuitive battery-powered, electronic locker and furniture locks – the GAT ECO.Lock 71x2.

As no cabling is required, the lock can be integrated into almost every locker with minimal installation effort. The retrofitting of existing lockers or the replacement of previously used mechanical locks is easily possible. With little effort, customers receive an RFID-based, electronic locker or furniture lock that can be conveniently operated using an RFID or NFC data carrier.

A range of applications are covered by the different lock variants. The BLE interface integrated in the NW variants allows wireless communication for configuration, the transmission of bookings and the current status. The ICLS variant facilitates the reading of encoded PACS data from all 13.56 MHz HID credentials. The GAT ECO. Locks can be either freely selectable, permanently assigned, or even configured as rental lockers. Thanks to the timer, an automatic opening function is possible that can be used for cleaning at night for instance.

The sturdy lock stores the last 150 bookings and guarantees a completely secure data transmission. It is also possible to define whether the user may occupy a single locker only or several lockers. And since there's no administration costs for managing a locker solution (no key management) and the system is self-sufficient, personnel expenses are minimized and administrative costs reduced. Not least due to the intuitive operation of the lock where it is immediately apparent from the button position which lockers are free or occupied.

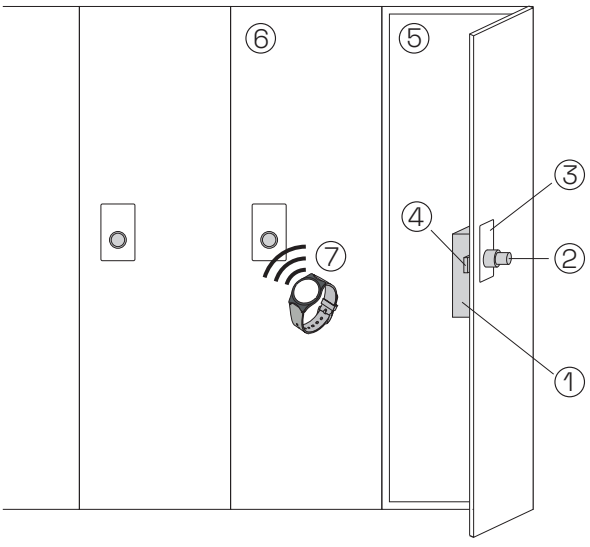
GAT ECO.Lock 71x2

SALTO WECOSYSTEM

Order information

Description	Part No.
GAT ECO.Lock 7102 F/ISO	1110662
GAT ECO.Lock 7102 NW F/ISO	1110663
GAT ECO.Lock 7102 NW F/ISO ICLS	1110664
Battery-powered, electronic locker lock, 22 mm locker door hole, without door label, without batteries. **F/ISO** = for ISO 14443 (MIFARE) and ISO 15693 data carriers. **F/ISO ICLS** = for ISO 14443 (MIFARE), ISO 15693 and HID iCLASS® data carriers. **NW** = with wireless interface	
GAT ECO.Lock 7152 NW F/ISO	1110665
Battery-powered, electronic locker lock for ISO 14443 (MIFARE) and ISO 15693 data carriers. 22 mm locker door hole, without door label, without batteries, extended temperature range, IP64, with wireless interface	
GAT ECO.Lock 7200 Adapter	614322
Adapter to cover a 38 mm hole in metal doors. No screws required.	
Battery 1.5V Alkali AA	308819
Battery for the GAT ECO.Lock 71x2 (3 pcs. required).	
GAT ECO.EPS 7000	963733
Emergency power supply for the GAT ECO.Lock series. Power support with an external USB power supply or power pack via a micro USB Socket.	
GAT ECO.Basic Set FD lite	1110092
USB cable, 3 MASTER data carriers, and 5 system data carriers with special functions.	
GAT ECO.Lock 71xx Label WSG	1114519
GAT ECO.Lock 71xx Label WSG NUM	1114520
Self-adhesive front labels with/without number, for 22 mm locker door hole	
GAT ECO.Lock 72xx Label WSG	1114523
GAT ECO.Lock 72xx Label WSG NUM	1114524
Self-adhesive front labels with/without number, for 38 mm locker door hole	
GAT Lock Door Handle	610217
Optional door handle for the GAT ECO.Lock 71x2 with placeholder for an additional label, anthracite	
GAT ECO.Lock 7000 Battery Key metal	616526
Tool for opening the battery compartment of a GAT ECO.Lock 71x2.	

Typical application



1. GAT ECO.Lock 71x2
2. Push button (position indicates the locking status)
3. Front label
4. Locking bolt on door inner side
5. Open locker
6. Closed locker
7. Identification with RFID data carrier

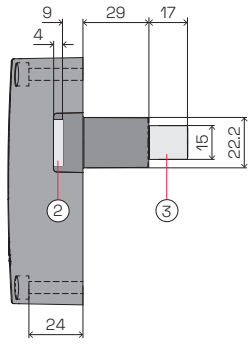
Technical data

Power supply:	3 x 1.5 V alkaline batteries, size AA/LR6
Gantner approved battery:	Energizer Industrial EN91 (Part No. 308819)
Battery life span:	Up to 5 years or 30,000 cycles with alkaline batteries at room temperature
Data storage:	EEPROM for 150 bookings (data retained during battery change)
Reader type:	- ISO 14443: MIFARE Classic / Ultralight® / DESFire - NFC (HCE) - ISO 15693 - HID iCLASS, Seos PACS data (ICLS variant)
Reading field frequency:	13.56 MHz
Max. transmission power:	- RFID: < 500 mW - BLE: +6 dBm
Reading field range:	5 to 35 mm (depending on the installation conditions and data carrier)
Locking:	Mechanical locking bolt with motorized locking mechanism
Break-in resistance:	DIN 4547-2, Class C
Configuration interfaces:	USB 2.0 Micro-B, NFC, BLE
Housing material:	Plastic (PC), halogen-free, V0, color = dark gray
Weight:	Approx. 0.4 kg (0.88 lbs)
Permitted ambient temperature:	- Indoor model: 0 to +60 °C (32 to +140 °F) - Outdoor model: -25 to +60 °C (-13 to +140 °F)
Protection type:	- Indoor model: IP52 (when installed) - Outdoor model: IP64 (when installed and locked, protected from direct rain)
Certification:	CE, UKCA, FCC and IC **NOTE!** See the Gantner website for an overview of all certifications.

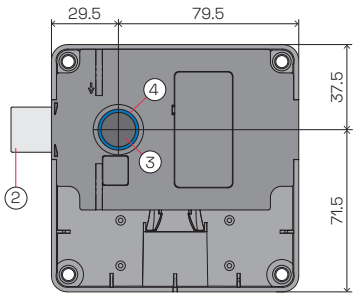
Device features and dimensions

Non-metallic Doors

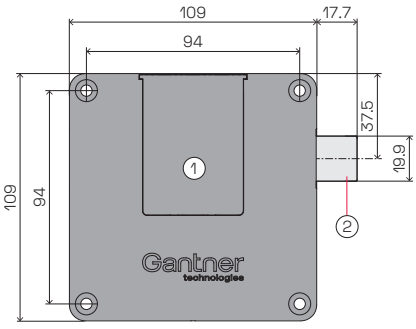
Side view



Rear view

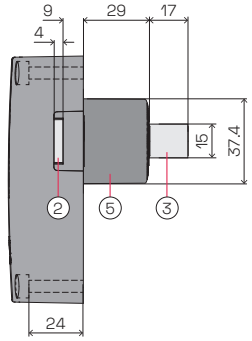


Front view

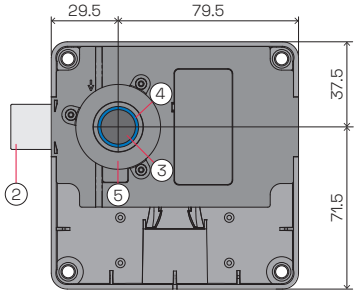


Metallic doors

Side view



Rear view



1. Battery cover
2. Locking bolt
3. Push button
4. LED ring (status display)
5. GAT ECO.Lock 7200 Adapter

Dimensions in mm