

GAT ECO.Lock 71x1 F/ISO

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

FACTS AT A GLANCE

- Clear status indication via push button position
- Timed use - general opening function
- Mobile version available - wireless and NFC interface
- Vandal-proof installation
- Intuitive and unique single-handed operation
- NFC ready
- Power supply via conventional alkaline batteries
- Various operating modes - freely-selectable locker, personal locker, or time-limited locker
- Simple retrofitting of existing lockers, no wiring, previous holes can be used
- Mechanical interlock (motor) for maximum reliability
- Configuration via PC, data carrier, or NFC (MoLA mobile app)

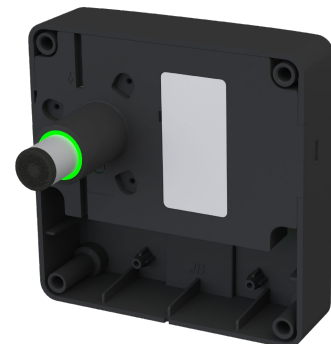


The RFID specialist once again proves that GANTNER is a pioneer in the field of locker locking technology with its new generation of battery-powered, intuitive, electronic locker and furniture locks – the GAT ECO.Lock 71x1.

As no cabling is required, it 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 wireless interface is available upon request, which can be used for the simplest configurations, the reading of bookings and the current status, and for firmware updates. 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.

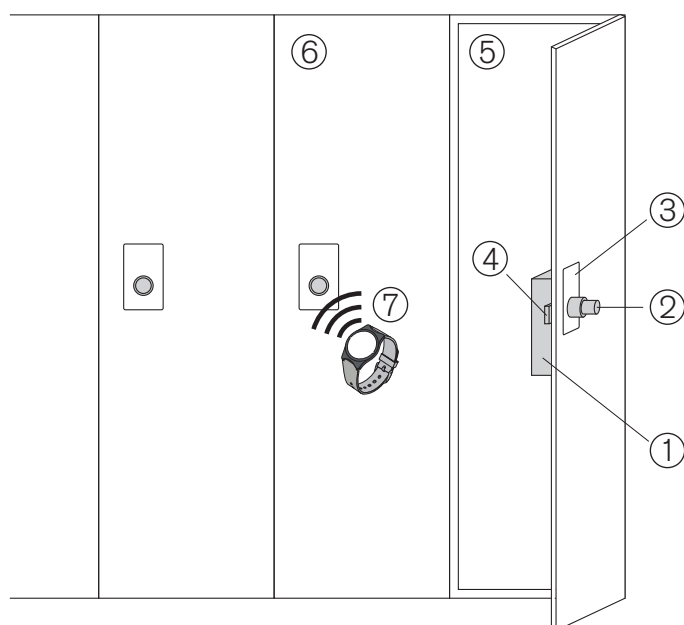
The sturdy lock stores the last 150 bookings and guarantees a completely reliable data transmission. It is additionally possible to define whether the user can occupy a single locker only or several lockers. And since there's no administration costs with the GAT ECO.Lock (no key management) for managing a locker solution 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.



Order Information & Accessories

Description	Part No.
GAT ECO.Lock 7101 F/ISO	1107413
GAT ECO.Lock 7101 NW F/ISO	1107414
Battery-powered, electronic locker lock for ISO 14443 (MIFARE) and ISO 15693 data carriers, 22 mm locker door hole, NW = with additional wireless interface, without batteries	
GAT ECO.Lock 7151 F/ISO	1107415
GAT ECO.Lock 7151 NW F/ISO	1107416
Battery-powered, electronic locker lock for ISO 14443 (MIFARE) and ISO 15693 data carriers, 22 mm locker door hole, extended temperature range, IP 64, NW = with additional wireless interface, without batteries	
GAT ECO.Lock 7200 Adapter	614322
Adapter to cover a 38 mm hole in metal doors. No screws required.	
Batterie 1.5V Alkali AA	308819
Battery for the GAT ECO.Lock 71x1 (3 pcs. required).	
GAT ECO.Basic Set FD	1100550
Configuration software, USB cable, 3 master data carriers, and 5 system data carriers with special functions	
GAT ECO.Lock 71xx Label G18	1101695
GAT ECO.Lock 71xx Label G18 NUM	1101696
Self-adhesive front labels with/without number, for 22 mm locker door hole	
GAT ECO.Lock 72xx Label G18	1101697
GAT ECO.Lock 72xx Label G18 NUM	1101698
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 71x1 with placeholder for an additional label, anthracite gray	

Typical Application



- 1 ...GAT ECO.Lock 71x1 F/ISO
- 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* type AA GANTNER approved batteries (Part No. 308819): Duracell Industrial, Energizer Industrial LR6 * Lithium batteries can also be used
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 1k and 4k, Ultralight®, DESFire EV1® and EV2® - NFC (HCE) - ISO 15693 - HID iCLASS UID
Reading field frequency:	13.56 MHz
Maximum transmission power:	- RFID: <500 mW - Wireless: 3.7 dBm (2.344 mW)
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, wireless
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: IP 52 (when installed) - Outdoor model: IP 64 (when installed and locked)
Compliance:	CE

Device Features and Dimensions

