gantner
INSPIRED ACCESS

GAT ECO.Lock 7100 NW BA

Battery-powered, robust RFID locker lock with wireless interface

FACTS AT A GLANCE

- Clear status indication via push button position
- Timed use - automatic opening function
- Mobile version with wireless and NFC interface
- Multi-technology reader for all common RFID technologies
- 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, existing 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 the latest development of battery powered, electronic locker locks – the GAT ECO.Lock 7100 NW BA featuring a multi-technology RFID reader. 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 minimal effort, customers receive an RFID-based, electronic locker or cabinet lock that can be conveniently operated using an RFID or NFC data carrier.

Key features of the GAT ECO.Lock are its self-sufficiency and the lack of administration costs (no key management) for managing a locker system, which greatly minimizes personnel expenses and administrative costs.

The wireless interface of the lock can be used for simple 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. It is also possible to define whether the user can occupy a single locker only or multiple lockers.

Thanks to the timer, an automatic opening function is possible that can be used, e.g., for cleaning at night. The intuitive operation immediately indicates via the button position which lockers are free or occupied. The sturdy lock stores the last 150 bookings and guarantees a completely reliable data transmission.

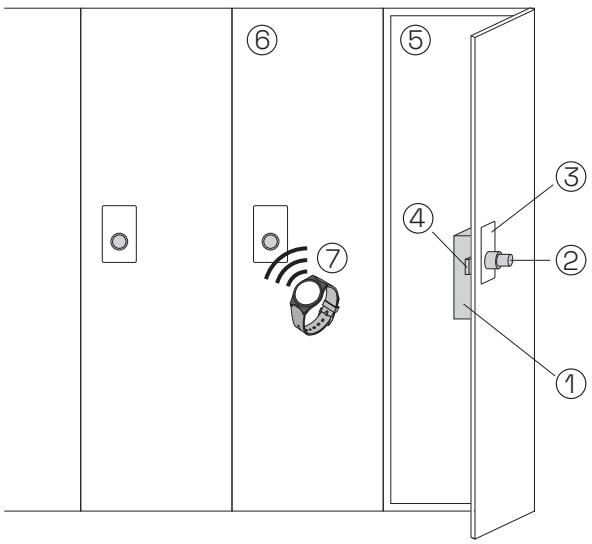
GAT ECO.Lock 7100 NW BA

SALTO WECOSYSTEM

Order information

Description	Part No.
GAT ECO.Lock 7100 NW BA Battery-powered, electronic locker lock with wireless interface, LEGIC advant reader technology, 22 mm locker door hole, without door label, without batteries.	921727
GAT ECO.Lock 7200 Adapter Adapter to cover a 38 mm hole in metal doors. No screws required.	614322
Batterie 1.5V Alkali AA Battery for the GAT ECO.Lock 7xxx (3 pcs. required).	308819
GAT ECO.Basic Set BA lite With USB cable and system data carriers in LEGIC prime and advant technology: 3 MASTER, 1 DELETE MASTER, 1 SERVICE, 1 BATTERY, 1 PROGRAM and 1 APP KEY.	1110090
GAT ECO.EPS 7000 Emergency power supply adapter for the GAT ECO.Lock series. Power supply via an external USB power supply or USB power pack using a micro USB connection.	963733
GAT ECO.Lock 71xx Label WSG **GAT ECO.Lock 71xx Label WSG NUM** Self-adhesive front labels with/without number, for 22 mm locker door hole.	1114519 1114520
GAT ECO.Lock 72xx Label WSG **GAT ECO.Lock 72xx Label WSG NUM** Self-adhesive front labels with/without number, for 38 mm locker door hole.	1114523 1114524
GAT Lock Door Handle Optional door handle for the GAT ECO.Lock 7xxx with placeholder for an additional label, anthracite gray.	610217
GAT ECO.Lock 7000 Battery Key metal Tool for opening the battery compartment of a GAT ECO.Lock 7xxx.	616526

Typical application



1. GAT ECO.Lock 7xxx NW BA
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:	- LEGIC prime, LEGIC advant, LEGIC combi data carriers (CTC, MM410, ...) - ISO 14443: MIFARE Classic / Ultralight® / DESFire - NFC (HCE) - ISO 15693 - HID iCLASS CSN
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:	0 to +60 °C (+32 to +140 °F)
Protection type:	IP52 (when installed)
Compliance:	CE

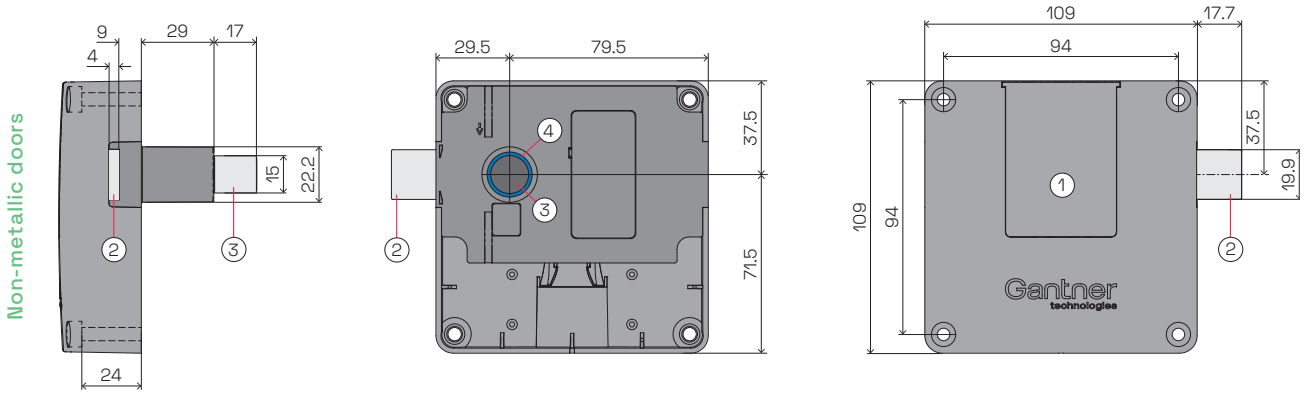
Device features and dimensions

Side view

Back view

Front view

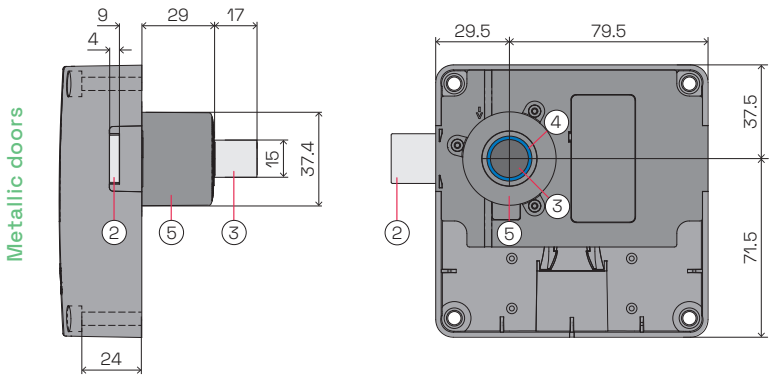
Non-metallic doors



Side view

Back view

Metallic doors



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

Dimensions in mm