

GAP7.1000

Access point for wireless communication with Gantner NW battery locks

FACTS AT A GLANCE

- Bidirectional wireless communication with Gantner's battery-powered NW locker locks
- Simple configuration via the eLoxx Suite software
- Display of lock data in eLoxx Suite
- Able to receive status information from an unlimited number of locks
- Encrypted data transmission
- Single cable required for data and power supply
- Elegant & modern design
- Maintenance-free operation



Gantner's range of battery-powered locker locks are the ideal solution for modern locker systems in virtually all industries. The GAP7.1000 is an access point that enables Gantner's innovative NW locks (BLE-enabled) to communicate securely with the connected GC7.2000 M controller and the eLoxx locker management software. This connection allows information (lock status, battery level, last user, signal strength, etc.), bookings, and the date/time to be transmitted from the locks. Certain operating functions, such as the remote opening of locks via software, changing locker modes, uploading personal lockers, and updating master cards can also be carried out remotely.

Thanks to its various mounting points, the access point can easily be installed on a wall or ceiling. After installation, the GAP7.1000 is configured together with the other components of the locker system using one of the user-friendly system management applications from Gantner's eLoxx Suite. The multi-colored LED status display and a modern design combine form and function.

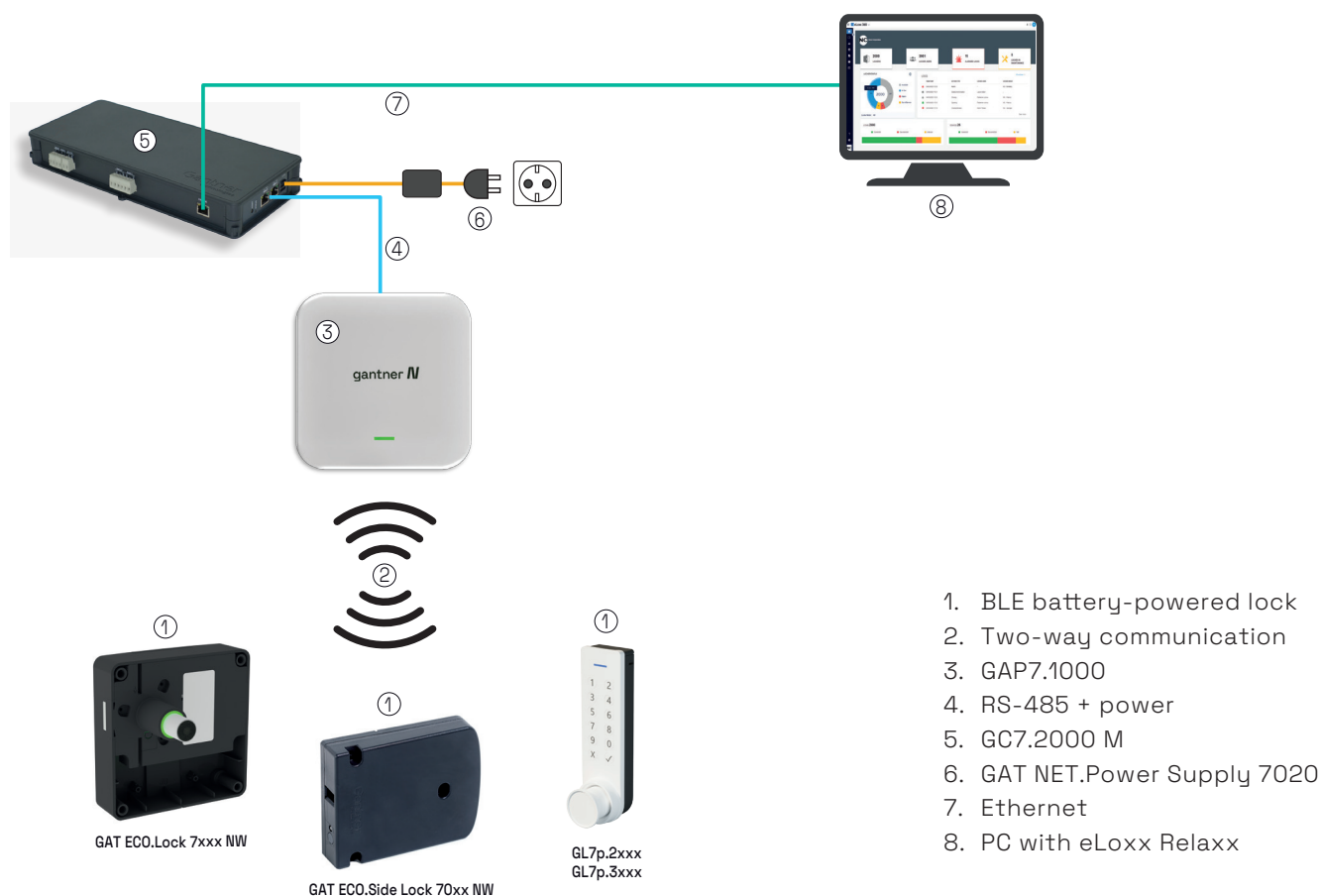
The GAP7.1000 enhances the capabilities of Gantner's modern locker systems, offering efficient communication, remote management, and straightforward configuration through intuitive software. With its sleek design, flexible installation options, and robust features, the GAP7.1000 provides a comprehensive, future-proof solution for next-generation locker management.



Order information

Description	Part No.
GAP7.1000 Access point for bidirectional communication with NW battery locks, connected via RS-485 interface to a G7 device with G7 Main Controller App	1113742
GC7.2000 M Main controller for controlling max. 8 x GAP7.1000 access points.	1103558
GC7.2000 M lite Main controller for controlling max. 3 x GAP7.1000 access points.	1103559
GAT NET.Power Supply 7020-1 100-240V / VI Power supply for supplying the GC7 controller. Output: DC 24 V, 1.66 A. Power cords see below. NOTE! The "USB" variant cannot be used when using the GAP7.1000.	1104784
Power Cord EU CH - IEC 60320 C7	494181
Power Cord UK - IEC 60320 C7	494282
Power Cord USA - IEC 60320 C7	636835
Power Cord AUS - IEC 60320 C7	1116117
1.8 m power cord with country-specific mains plug, for GAT NET.Power Supply, with C8 power socket.	
GAT Patch Kabel 5805 - 5m Shielded bus cable with 8-pin RJ45 plug on both ends, length 5 m, SF/UTP CAT 5E	909321

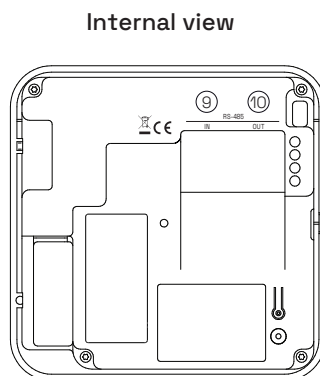
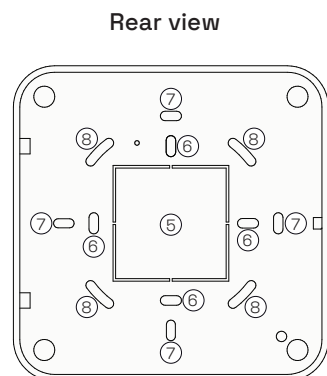
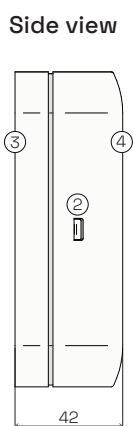
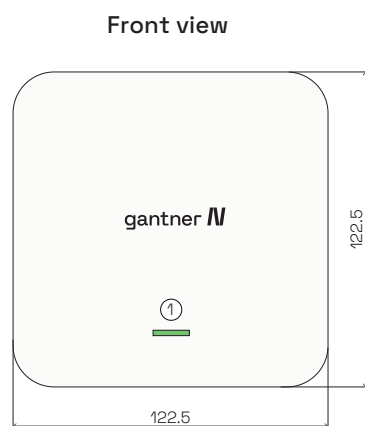
Typical application



Technical data

Input voltage:	DC 24 V
Current consumption:	Typ.: 6.3 mA. Max.: 13 mA
BLE frequency range:	2.4 GHz (2.402 – 2.480 GHz)
Transmission power:	+6 dBm (4 mW) @ 2.4 GHz
BLE transmitting mode:	1 Mbps
Signal range:	Max. 15 m NOTE! Environmental conditions, e.g., locker material, concrete with steel reinforcing, etc., can affect the transmission range.
Max. BLE locks per GAP7.1000:	Unlimited NOTE! Please note the signal range.
Recommended BLE locks per GAP7.1000:	1 GAP7.1000 per 25 BLE locks for optimal user experience.
Signalization:	LED (multicolor)
Housing color:	White
Weight:	313 g (11 oz)
Operating temperature:	0°C to +60°C (32°F to 140°F)
Humidity:	Max. 95% rH, non condensing
Environment class (VdS 2110):	II (conditions in indoor areas)
Compliance:	CE, FCC

Device features and dimensions



1. LED
2. Housing clasp
3. Rear part
4. Front part
5. Cable entry (removable)
6. Mounting point (EU)
7. Mounting point (US)
8. Mounting point (CH)
9. RS-485 IN (RJ45)
10. RS-485 OUT (RJ45)

Measurements in mm