

GAT ECO NW BLE Gateway

BLE Gateway for Status Acquisition of GANTNER NW Battery Locks

FACTS AT A GLANCE

- **Single BLE Gateway:** Able to receive status information from up to 100 BLE locks simultaneously
- **Triple BLE Gateway:** Able to receive status information from up to 300 BLE locks simultaneously
- Power supply possible via PoE or USB power supply
- Integration in Relaxx locker management software
- Simple configuration via web browser
- Elegant & modern design
- Maintenance-free operation



GANTNER's electronic, battery-powered locker locks are the ideal solution for modern locker systems in virtually all industries. The BLE Gateway is responsible for transmitting the status information from the BLE-capable battery locks to a PC in order to display this information in GANTNER's Relaxx locker management software.

The BLE Gateway receives the status information from the GANTNER ECO and GL7p battery locks via wireless transmission (BLE). This information is transmitted via LAN network or WLAN to a PC/server and displayed there via the Relaxx software, which is used to configure and operate the locker system.

GANTNER offers two variants of the BLE Gateway for maximum flexibility. The Single BLE Gateway has 1 BLE receiver and can receive status information from up to 100 locks simultaneously. For larger systems, the Triple BLE Gateway increases the reception capability to up to 300 locks simultaneously via its 3 BLE receivers.

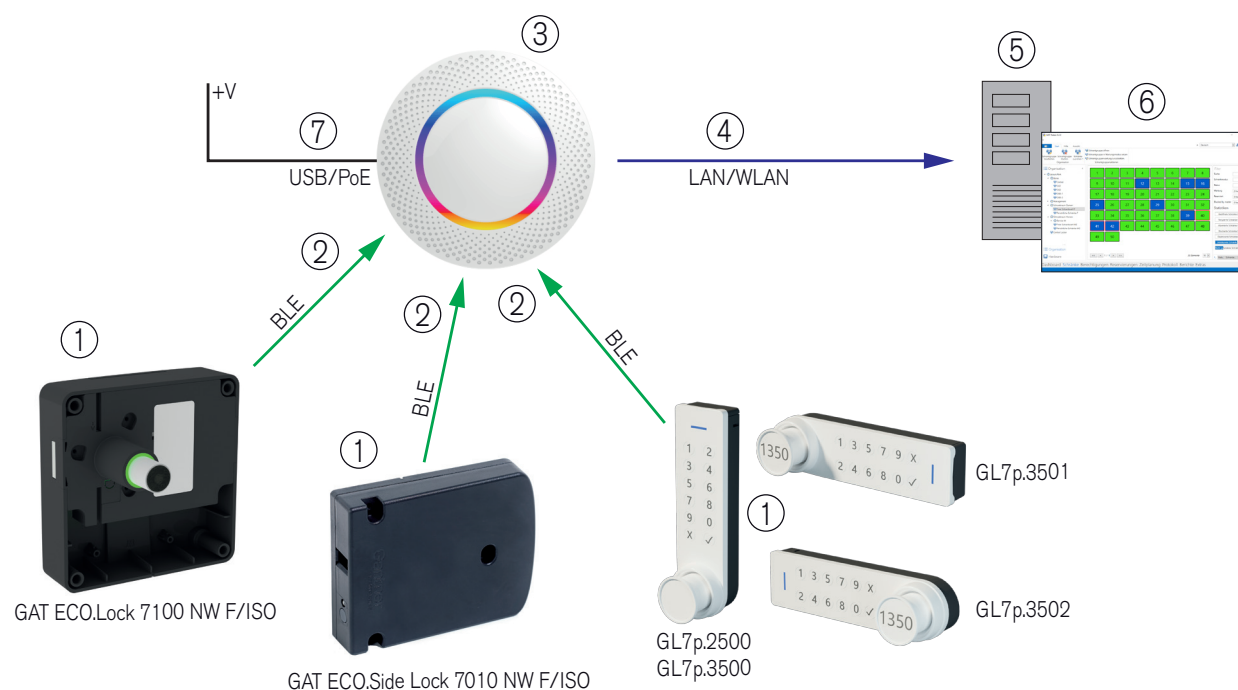
The two mounting points on the base of the BLE Gateway allow it to be easily installed on a wall or ceiling and commissioning the BLE Gateways following installation could not be simpler via the web-browser based configuration interface. The multi-colored LED ring for status signalization and the modern design provide form in addition to functionality.



Order Information & Accessories

Description	Part No.
GAT ECO NW single BLE Gateway Gateway with 1 BLE receiver, LAN and WLAN interface for scanning the lock status of ECO NW locks. 1m USB power cable included. Supply via PoE or external power supply (not included).	1105269
GAT ECO NW triple BLE Gateway Gateway with 3 BLE receivers, LAN and WLAN interface for scanning the lock status of ECO NW locks. 1m USB power cable included. Supply via PoE or external power supply (not included).	1105270
Power supply USB 5V 1000 mA Power supply with changeable input connector for EU USA UK AUS, USB-A socket. - Input: 100-240 VAC 180mA - Output: 5 VDC 1000mA	1106382

Typical Application

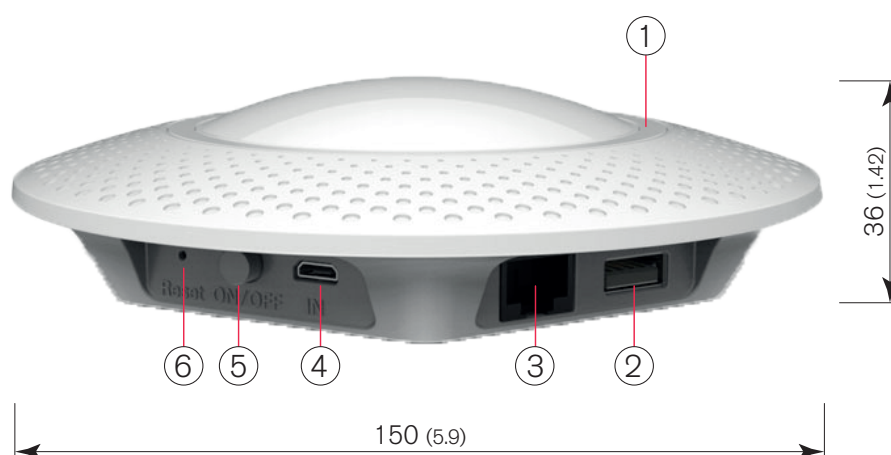


- 1 ...Locker locks
- 2.....Status information via BLE advertise commands
- 3.....GAT ECO NW Single/Triple BLE Gateway
- 4.....LAN or WLAN network connection
- 5.....PC/server
- 6.....Relaxx software for locker management and status display
- 7.....Power supply via USB or PoE

Technical Data

Power supply:	Via PoE or USB power supply DC 5.0 (+/- 5%), max. 5.5 V
USB input:	1A @ DC 5.0V input, micro-USB
Current consumption	
- PoE:	340 mA (LED ring and Wi-Fi simultaneously), 300 mA (Wi-Fi only)
- USB power supply:	330 mA (LED ring and Wi-Fi simultaneously), 290 mA (Wi-Fi only)
Wi-Fi:	IEEE 802.11b/g/n (single stream)
Data rate:	IEEE 802.11b, 1-11Mbps IEEE 802.11g, 6-54Mbps IEEE 802.11n (2.4GHz), 7.2-72.2Mbps
Wi-Fi frequency band:	2.412 – 2.462 GHz
Transmission range	
- GAT ECO NW single BLE Gateway:	Up to 15 m
- GAT ECO NW triple BLE Gateway:	Up to 20 m
	NOTE! The transmission range can be limited by the environmental conditions, e.g., material of the locker, concrete with steel reinforcing, etc.
Receiving capability	
- GAT ECO NW single BLE Gateway:	Up to 100 BLE locks simultaneously
- GAT ECO NW triple BLE Gateway:	Up to 300 BLE locks simultaneously
Security:	WPA / WPA2
Signaling elements:	LED ring (multi-colored)
Housing color:	White
Net weight:	180 g
Operating temperature:	-15 to +55 °C
Humidity:	Max. 95% rH, non condensing
Compliance:	CE, FCC

Device Features and Dimensions



- 1 LED ring
- 2 USB 2.0 port
- 3 RJ45 Ethernet port
(10/100Mbps, 802.3af PoE)
- 4 Micro-USB for power input
- 5 Power on/off switch
- 6 Reset button

Measurements in mm
(inches shown in brackets for reference only)