

GT7 Lite

Compact & versatile RFID and NFC terminal

FACTS AT A GLANCE

- The app concept supports multiple applications (Access, Info, Countdown, Writer) on one device
- Custom app development for select partners
- Full G7 Connect Cloud integration allows you to manage firmware, apps, and settings all in one place
- Connection to cloud-based software supported
- 3.5-inch color capacitive touchscreen for intuitive navigation and user-friendly operation
- Contactless reader compatible with a wide range of RFID technologies and NFC data carriers
- Powered via Power over Ethernet (PoE)
- Integrated relay and optocoupler
- Compact device design
- Acoustic beeper for user feedback



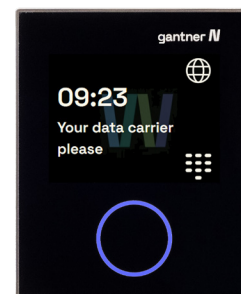
The GT7 Lite is a sleek, compact RFID and NFC terminal designed for versatile applications across fitness centers, attractions, corporate environments, and educational settings. Depending on the installed app, the device can function as an access control terminal (for doors and turnstiles), a countdown timer (to display the time remaining for using a device or service), or a universal read/write station.

Depending on your needs, choose between the GT7.1300 version with a vibrant 3.5 inch color touchscreen or the GT7.0500 model featuring a clear LED status display.

The clear color display of the GT7.1300 variant with capacitive touchscreen, Power over Ethernet (PoE) support, the integrated RFID reader as well as the relay and optocoupler for external device control are just some of the impressive features of the GT7 Lite.

Plus, seamless integration with the Gantner G7 Connect Cloud platform enables effortless management of all your G7 devices through a single interface. Whether you prefer local or cloud-based management software, full software integration is available to keep your system running smoothly.

GT7.1300



GT7.05x0



Order information

Description	Part No.
GT7.0500 GT7 Lite with MIFARE reader and LED status display, 1 relay, 1 optocoupler, network and power supply via PoE	1115289
GT7.0510 GT7 Lite with MIFARE reader and LED status display, 1 relay, 1 optocoupler, USB HID interface, Ethernet interface. Note: Power supply via USB only (PoE not available)	1116269
GT7.1300 GT7 Lite with LEGIC advant reader and 3.5" touchscreen, 1 relay, 1 optocoupler, network and power supply via PoE	1115291

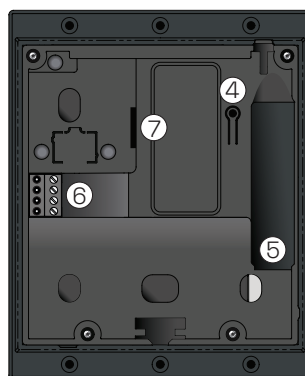
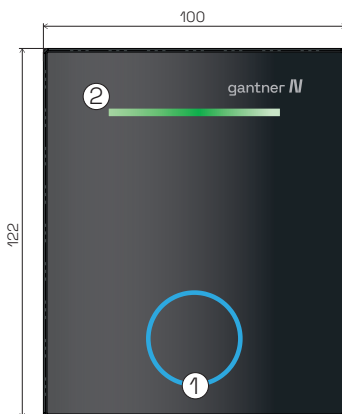
Device features and dimensions

GT7.05x0

Front view

Rear view

Side view

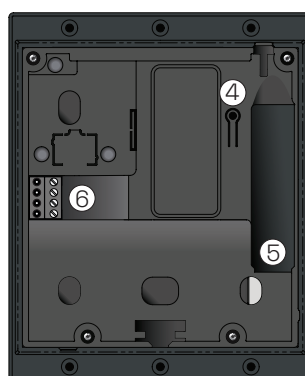
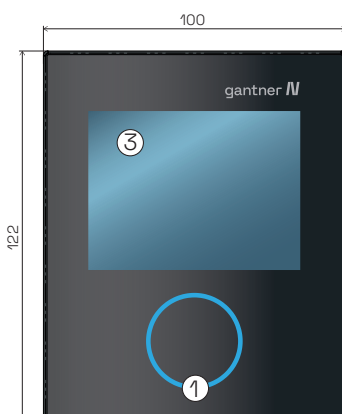


GT7.1300

Front view

Rear view

Side view



- 1. RFID reader (LED ring)
- 2. LED status display
- 3. 3.5" touchscreen
- 4. Reset button
- 5. Network connector
- 6. Input/output connector
- 7. USB-C port (GT7.0510 only)

Measurements in mm

Technical data

Nominal voltage (PoE)	- PoE: - USB:	Compliant with IEEE 802.3af DC 5 V
Permissible voltage range	- PoE: - USB:	DC 36 - 57 V DC 4.4 - 5.25 V
Power consumption	- PoE: - USB:	60 mA 500 mA
Nominal power consumption:		4 W
Internal clock:		3 hours
Reader type	- GT7.05x0: - GT7.1300:	ISO 14443 (MIFARE®) Classic (1k and 4k), DESFire, Ultralight ISO 15693 Gantner Smartpass LEGIC advant ISO 14443 (MIFARE®) Classic (1k and 4k), DESFire, Ultralight ISO 15693 Gantner Smartpass
Reader frequency	- RFID: - Wireless int.:	13.56 MHz 2.4 GHz
Max. transmitting power	- RFID: - Wireless int.:	500 mW 3.7 dBm (2.344 mW)
User guidance	- Display: - RFID reader: - Acoustic:	Multi-colored LED status display (GT7.05x0) 3.5" color display with touchscreen, resolution 320 x 240 px LED color ring, multi-colored Beeper
Signal input:		1 x optocoupler - DC 0 to 30 V ($U_{Low} < 2 V$, $U_{High} > 6 V$)
Signal output:		1 x relay, type "Normally Open" - Switching voltage DC: max. 30 V (SELV) - Switching voltage AC: max. 15 V (SELV) - Continuous current: max. 1.8 A - Switching voltage: max. 54 W, 27 VA
Permitted ambient temperature:		-10 to +50 °C (14 to +122 °F)
Permitted storage temperature:		-25 to +70 °C (-13 to +158 °F)
Protection type:		IP40
Protection class:		III (Safety Extra-Low Voltage)
Environment class (VdS 2110):		II (indoor conditions)
Certification:		CE

Typical application

