

Barcode Scanner GBS7.1110

Fast & secure barcode scanner for printed and mobile tickets

FACTS AT A GLANCE

- Fast, intuitive scanner with fixed focal distance
- Reads 2D barcodes (e.g. QR Code, Aztec), PDF417 and linear barcode symbologies (e.g. EAN, Code 128)
- Operates with Gantner GT7 access terminals
- RS-232 interface
- Flush-mounted for integration into turnstiles and gates
- Compact form requires minimal space
- High IP67 protective rating after installation



To facilitate the reading of barcodes, Gantner offers the fast and intuitive GBS7.1110 barcode reader for use in modern access systems. The GBS7.1110 is a compact low-profile reader designed to easily integrate into kiosks, ticket machines, turnstiles, and access gates.

The barcode scanner operates in combination with Gantner's GT7.3xxx or GC7.3000 devices to process a wide range of electronic ticketing across a variety of media.

The GBS7.1110 is designed to read all popular 1D and 2D barcode symbologies, including PDF417 and QR codes, from smartphones, tablets, and printed paper documents. The advanced recognition barcode imager has near-zero latency. It captures barcodes within a fraction of a second of presentation in any orientation.

The responsive, intuitive-to-use scanner is designed to be operated by untrained members of the public. The user is provided with instant visual and audible feedback via the bright LED scan window and an audio beeper to confirm successful data capture.

The GBS7.1110 impresses with its rugged, vibration, and shock resistant construction with no moving parts, enabling it to withstand years of frontline public use. Thanks to its IP67 certification, the GBS7.1110 is impervious to dust, water and other contaminants. The robust seal prevents condensation from forming during temperature transitions, which would hinder barcode reading.



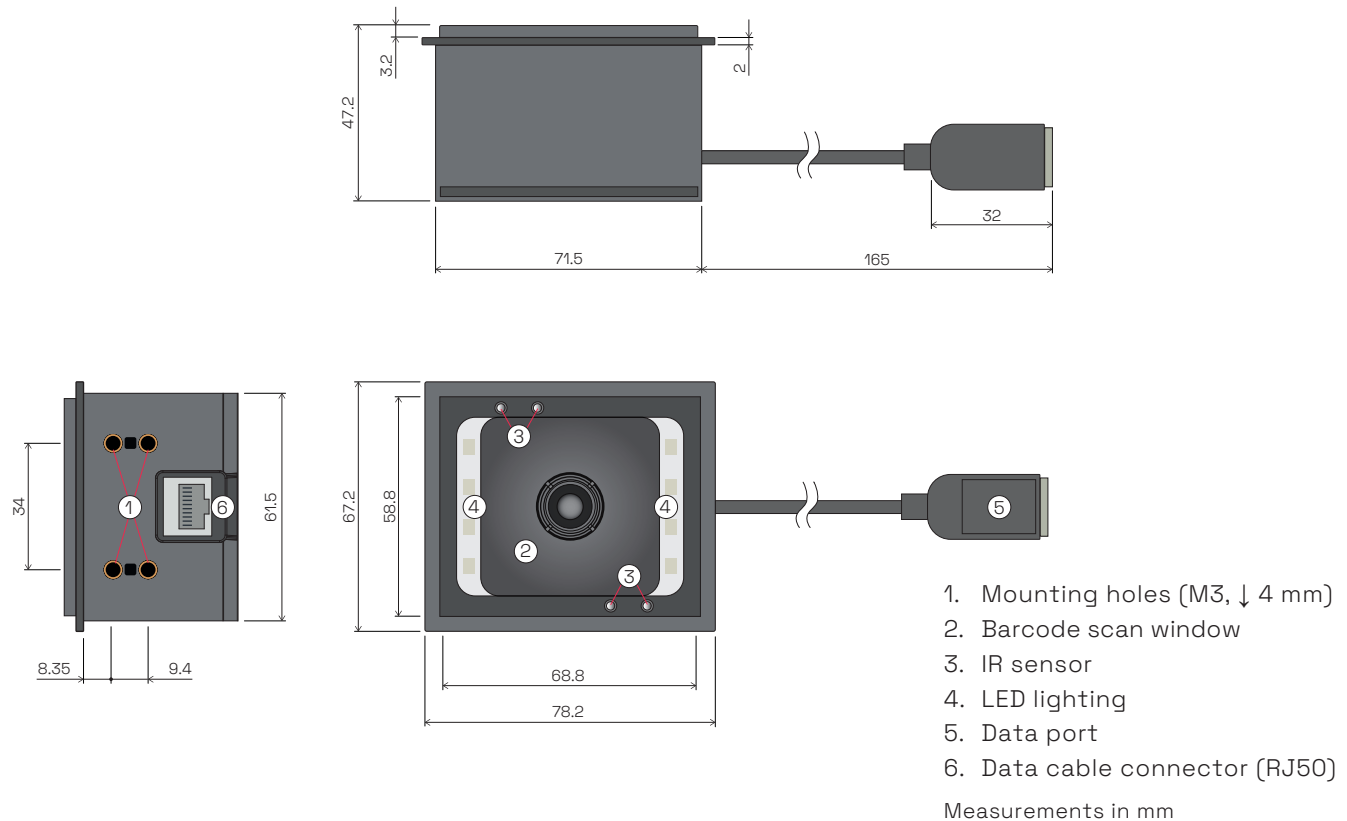
Order information

Description	Part No.
GBS7.1110	1114007
1D and 2D barcode scanner, flush-mounted version, RS-232 interface, without power supply. In the scope of supply: 1 x 25 cm RS-232 connection cable with open, 1 x USB cable.	

Technical data

Data capture	
1D:	All major 1D symbologies including EAN-8, EAN-13, UPC-A, UPC-E, ISSN, ISBN, Codabar, Standard 2 of 5, Code 128, Code93, ITF-6, ITF-14, GS1 Databar, MSI-Plessey, Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 11, Plessey.
2D:	All major 2D symbologies including PDF417, Data Matrix, QR Code, Micro QR Code, Aztec.
Media types:	- Smartphone, tablet and smartwatch displays - Paper documents and tickets
Image sensor:	1280 x 1088 CMOS
Lighting:	White LED (3000 K)
Resolution:	≥3 mil
Depth of fields:	- EAN 13 (13 mil): 0 - 290 mm - Code 39 (20 mil): 15 - 310 mm - Code 128 (10 mil): 0 - 280 mm - QR (20 mil): 0 - 270 mm
Scan angle / field of view:	Rotation: 360°, tilt: ±60°, inclination: ±60°, horizontal: 58,2°, vertical: 66°
Minimal print contrast:	25%
Supported Gantner devices	
	- GT7.3xxx - GC7.3000
Mechanical / electrical	
Nominal voltage:	5-24 V DC ±5 %
Current @ 5 V DC (operation/standby)	172/118 mA
Dimensions:	W:78.2 x H:67.2 x D:47.2 mm (± 0.5 mm)
Signalization:	Beeper, multi-color LED indicator
Interfaces:	RS-232, USB
Environmental conditions	
Operating temperature:	-20 °C to +60 °C (-4 °F to 140 °F)
Storage temperature:	-40 °C to +85 °C (-40 °F to 158 °F)
Humidity:	5% to 95% RH (non-condensing)
Electro Static Discharge (ESD):	±15 kV (air discharge), ±8 kV (direct discharge)
IP rating:	IP67 (after correct installation)
Compliance	
Hardware:	- FCC Part 15 Class B - CE EMC Class B - RoHS

Device features and dimensions

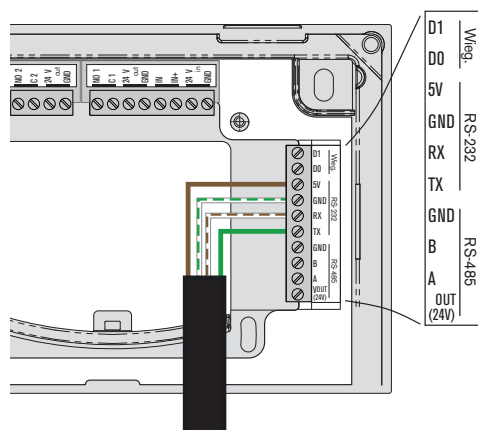


Electrical connections

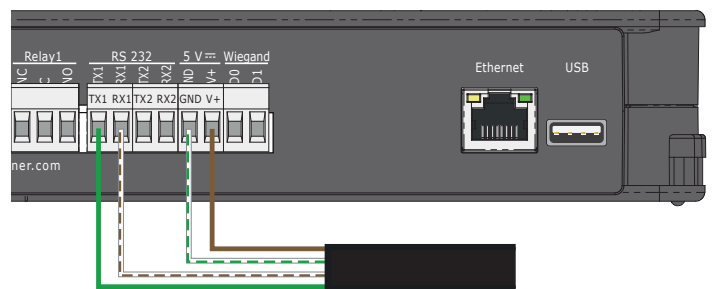
GT7.3xxx connection

NOTE!

A 25 cm RS-232 cable with open ends and a USB cable are included with the GBS7.1100. Use the RS-232 cable to connect to the GT7 and GC7 devices.



GC7.3xxx connection



NOTE!

Two GBS7.1110 scanners can connect to the GC7.3000. To use both scanners, the G7 Advanced Access App must be installed on the GC7.3000. See the following table for how to connect the second scanner.

25 cm RJ-50 cable	GT7.3xxx
brown	+5 V (RS-232)
green/white	GND (RS-232)
brown/white	RX (RS-232)
green	TX (RS-232)

25 cm RJ-50 cable	GC7.3000	25 cm RJ-50 cable	GC7.3000
brown	+5 V (RS-232)	brown	+5 V (RS-232)
green/white	GND (RS-232)	green/white	GND (RS-232)
brown/white	RX1 (RS-232)	brown/white	RX2 (RS-232)
green	TX1 (RS-232)	green	TX2 (RS-232)