

Barcode Scanner GBS7.1200

Fast & secure barcode scanner for printed and mobile tickets

FACTS AT A GLANCE

- Fast, intuitive scanner with fixed focal distance
- Designed for placement on a flat surface (desk, turnstile)
- Stylish stainless-steel housing
- Compact form requires minimal space
- Reads barcodes upon face-down presentation
- Reads 2D (QR Code, Aztec), PDF417, and linear barcode (EAN, Code 128) symbologies
- Operates with GANTNER G7 access terminals
- RS-232 interface



To facilitate the reading of barcodes, GANTNER offers the fast and intuitive GBS7.1200 barcode reader for use in modern access systems. The compact and elegant stainless steel housing allows the scanner to be placed on a flat surface such as a desk or mounted on a turnstile.

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 GBS7.1200 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. Immediate visual feedback via the bright LED scan window and an acoustic signal confirm successful data capture to the user.

The GBS7.1200 impresses with its rugged, vibration, and shock resistant construction, with no moving parts, enabling it to withstand years of frontline public use.



Order information

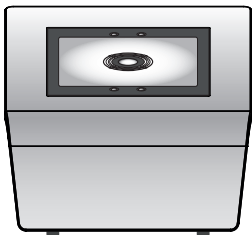
Description	Part No.
GBS7.1200 1D and 2D barcode scanner, surface-mounted version, RS-232 interface, without power supply	1110840
Cable RJ-50 Plug 200 cm 200 cm cable suitable for connection to the GBS7.1200, open ends, S/FTP, AWG 26, black	1112094

Technical data

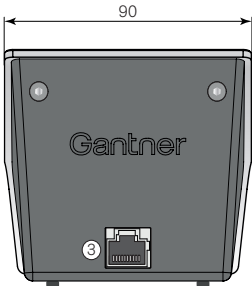
Data capture	
1D	All major 1D symbologies including EAN-8, EAN-13, UPC-A, UPC-E, ISSN, ISBN, Codabar, Standard 2 of 5, Code 128, Code93, ITF-6, ITF-14, GS1 Databar, MSI-Plessey, Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 11, Plessey.
2D	All major 2D symbologies including PDF417, Data Matrix, QR Code, Micro QR Code, Aztec.
Media types	- Smartphone, tablet, and smartwatch displays - Paper documents and tickets
Image sensor	800 x 800 CMOS
Scan window	50 x 50 mm
Illumination	White LED
Supported GANTNER devices	
- GT7.3xxx - GC7.3000	
Mechanical/electrical	
Input voltage	5 V DC
Current @ 5 V DC	185 mA (typical), 193 mA (max.)
Power consumption	869 mA (typical)
Dimensions	H:80.2 x W:90 x D:110 mm (3.1 x 3.5 x 4.3 in)
Weight	650 g (22.9 oz)
Signalization	- Beeper - LED indicator
Interface	RS-232
Environmental	
Operating temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Storage temperature	-40 °C to 70 °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	IP33
Compliance	
- CE EMC Class B - RoHS	

Device features and dimensions

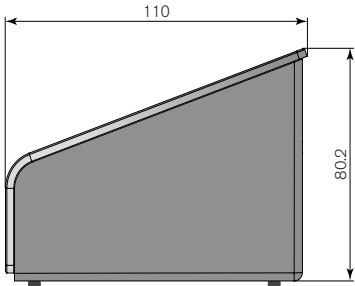
Front view



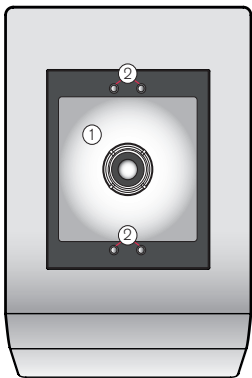
Rear view



Side view



Top view



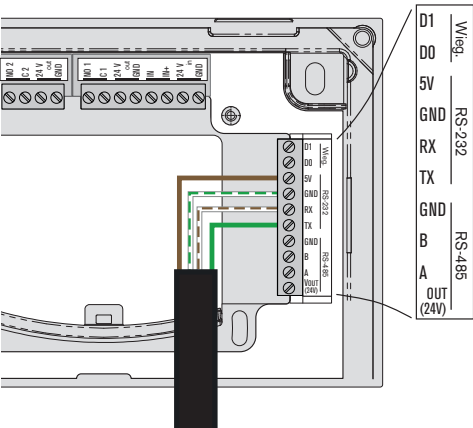
- 1 Barcode scan window
- 2 IR sensor
- 3 Data port

Measurements in mm

Electrical connections

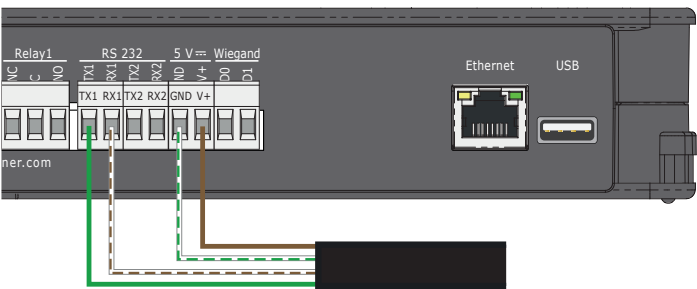
GT7.3xxx connection

NOTE!
A 2 m RS-232 cable with open ends and a USB cable are included with the GBS7.1200. Use the RS-232 cable for the connection to the GT7 and GC7.



2 m RJ-50 Cable	GT7.3xxx
brown	+5 V (RS-232)
green/white	GND (RS-232)
brown/white	RX (RS-232)
green	TX (RS-232)

GC7.3xxx connection



NOTE!
Two GBS7.1200 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.

2 m RJ-50 Cable	GC7.3000	2 m 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)