

BGR700

Contactless Boarding Gate Reader

All Media Types including Smart Watches

The BGR700 is a robust boarding gate reader for 2D barcoded boarding passes (BCBP's), designed specifically with a large throat to allow truly intuitive use with all media types including the latest smart watches.



Face-Up Barcode Reading

The BGR700 reads omnidirectionally and face up, enabling operators to rapidly read barcodes. Speed of transaction is enhanced by near-zero latency, so that barcodes are read instantly on presentation.

Designed for future-proof operation, the BGR700 can be upgraded for contactless operation in the field. This allows it to cater for the latest developments in NFC-enabled phones, tablets and smart cards.

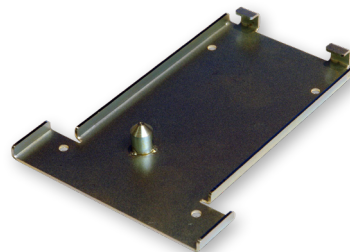


Future-Proof and Versatile

Additional features to ensure fast and intuitive passenger processing include: colour LCD display for passenger information, bright green and red LED visual indicators, a user-programmable audio beep to confirm successful data capture, a receipt printing port and an integrated on/off switch.

Accessories

The BGR Quick Release Bracket (QRB700) provides a simple means to secure the BGR700 to a counter-top or podium preventing it from being damaged or stolen and acting as a deterrent to agents relocating the hardware.



Device Features

Connection Types

- USB
- Ethernet*
- RS232*

Technology

- NFC / RFID*
- QR/Barcode

Optional*

Features

Fast Barcode Reading

Fast, omnidirectional 1D/2D barcode imager

Easy-to-read

Easy-to-read colour LCD display (+80x272px)

Designed for wearables

Large throat allows smartphones, tablets & smart watches to be easily read

Popular Symbologies

Reads IATA-recommended PDF417, QR, Aztec & other 2D/linear symbologies

Flexible

Wide range of emulations and connection options available

User feedback

Configurable green and red indicator beacons and audio beeper

Receipt printer

RS-232 serial port for receipt printer functionality

Options Include

Contactless/NFC capability (Field Upgradeable), Quick release bracket

Applications

- Boarding / Departure Gates
- Pre-Security Manual Desks
- Duty Free & Airside Retail

Barcode Reading

Compliance: AEA2012

1D symbologies: Code 128, Code 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Code 39, EAN

2D symbologies: IATA resolution 792, QR, Aztec, PDF417 and Datamatrix codes.

Media types: Will read: smartphone, tablet and smartwatch displays and paper documents and tickets.

Performance: Less than 1 second read capability

Contactless Reader (Option)

Supported media: ISO14443 type A and B cards (Java cards); max baud 424K (extendable to 848K)

Mifare UL, Classic 1K, Classic 4K, UL-C, Mifare Plus; max baud 106K

Operating frequency: 13.56 MHz

Operating distance: 20 mm

Passenger & Agent Display

Display: Colour LCD (480x272px)

Visible/audible: Green (good read) and red (bad read) indicator beacons and audio beeper

Configurable capability

Communications & Host

Host interface: RS-232C Baud rates 9600, 19200, 38400, 115200; Ethernet & USB

Serial port: for receipt printers incl. the RP9000

3 x USB Port

Protocols Supported

AirIT Ease®

Amadeus ACUS®

ARINC iMuse & VMuse®

Edge CUPPS-T (Pending)

RESA CREWS® (Pending)

SABRE EGR®

SITA Airport Connect®

Materna CUSE

Mechanical

Size (WxDxH): 135 x 214 x 184mm excluding rubber feet

Construction: Robust ABS enclosure with no moving parts Scan orientation: Face-Up

Weight: 1215g (With NFC: 1265g)

Power

Input voltage: 12VDC; power adapter supplied

Environmental

Temperature:

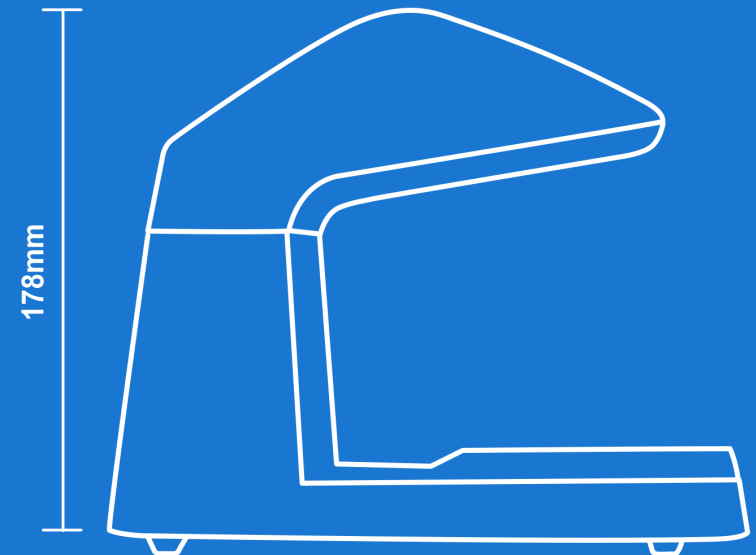
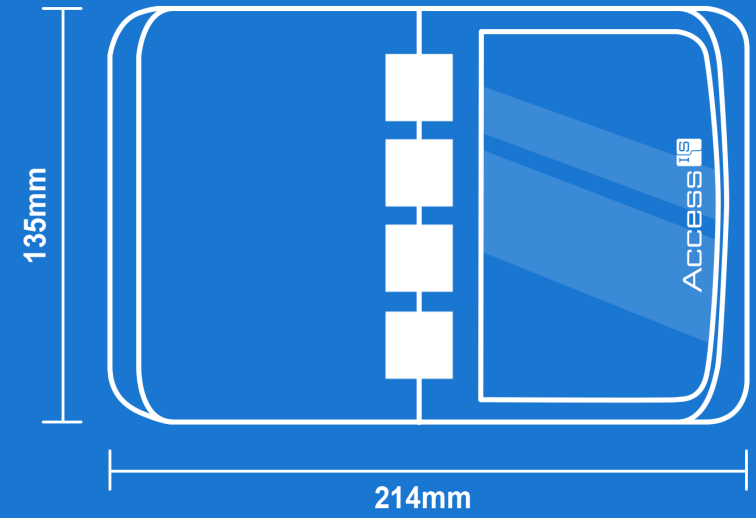
Operating: 0°C to 50°C

Storage: -0°C to 60°C

Humidity: 0 to 95% non-condensing

Approvals

FCC 47CFR Part 15 Subpart B Class A, EN 55032:2015 Class A, EN 55024:2010, FCC 47CFR Part 15 Subpart C, ETSI EN 302 291, EN 60950-1



Get In Touch

You can get in touch via our website at access-is.com or by phone and email:

+44 118 966 3333 sales@access-is.com