

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: color 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.

APPLICATIONS

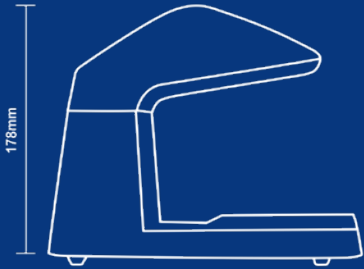
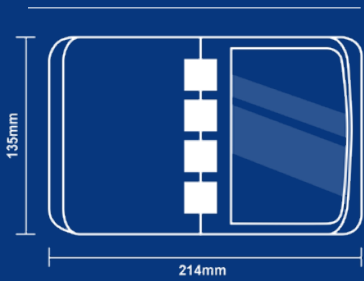
- Boarding / Departure Gates
- Pre-Security Manual Desks
- Duty Free & Airside Retail



FEATURES:

- Rapid Barcode Reading - Fast, omnidirectional 1D/2D barcode imager
- Easy to Read - Easy-to-read color LCD display (480x272px)
- 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 Including - Contactless/ NFC capability (field upgradeable), quick release bracket

BGR700



FEATURES

Connection Types

- USB
- RS232

Technology

- NFC / RFID
- QR/Barcode

BGR700

READING CAPABILITIES	
Barcode Reading	Compliance: AEA2008 1D symbologies: Code 128, Code 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Code 39, EAN 2D symbologies: IATA resolution 792, PDF417, Aztec, Datamatrix and QR codes. Will also read from PDA and smartphone displays Performance: Less than 1 second read capability Construction: Compact and durable ABS enclosure with no moving parts
Contactless RF Reader	Compliance: Supports ISO 14443 and ISO 8092 protocols: ISO 14443 type A & B tags; MIFARE classic; FeliCa tags; NFC type 1 tags Operating frequency: 13.56 MHz Operating distance: 1 in (20 mm)
SAM Support	1 x ISO 7816 T=0 protocol slot available
Passenger & Agent Display	Display: Bright VFD 2 x 16 characters Visible/audible: Green (good read) and red (bad read) indicator beacons and audio beeper Programmable capability
Communications & Host	Host interface: RS-232C Baud rates 9600, 19200, 38400 & 115200 USB interface Other: RJ45 port for optional RP9000 receipt printer, keypad or auto boarding gate applications The receipt printer can print seat, flight and passenger data from M1 format bar code documents
Protocols Supported	AirIT Ease® Amadeus ACUS® ARINC iMuse & VMuse® Embross CUPPS SABRE EGR® SITA Airport Connect® Materna CUSE
ELECTRONIC	
Power	Input voltage: 9-15VDC; AC universal power adapter supplied
PHYSICAL	
Dimensions	5 x 7 x 6 in (130 x 189 x 142 mm)
Scan Orientation	Face-Up
Weight	2 lbs. (850g)
THERMAL (AIR)	
Temperature	Operating 32°F to 122°F (0°C to 50°C)
Storage	32°F to 140°F (0°C to 60°C)
Humidity	0-95% non-condensing
APPROVALS	
FCC 47CFR Part 15 Subpart B Class A (RS232 version only), EN 55022 Class A / Class B, EN 55024, FCC 47CFR Part 15 Subpart C (RS232 version only), ETSI EN 302 291 EN 60950-1, IEC 62471: 2006 - Exempt Class	

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