BGR135 2D BCBP Boarding Gate Reader with Printer Port

Compact, rugged, 2D BCBP boarding gate reader with receipt printing port

Description

The BGR135 is a compact boarding gate reader for 2D barcoded boarding passes (BCBP's), designed to read smartphones, PDAs and home-printed paper documents. In addition, the BGR135 includes a receipt printing port and an integrated on/off switch.

The BGR135 reads barcodes face up, enabling operators to quickly present barcodes to the reader interface. Speed of transaction is also enhanced by near-zero latency in the omnidirectional imager, so that barcodes are read instantly in any orientation.

Additional features to ensure fast passenger processing include 2 x 16 character interface to clearly display passenger information, bright green and red LED visual indicators, and a user-programmable audio beep to confirm successful data capture.

A wide range of emulations is available for connection to Common Use Terminal Equipment (CUTE®) or dedicated systems. Additionally, to ensure that the units are future-proof, new firmware can be remotely downloaded to them.

Housed in an attractive ABS enclosure, the BGR135 is rugged, very compact and lightweight. Its quality-assured UK manufacture ensures it will withstand years of frontline use.

The BGR135 features a receipt printer port and on/off switch

Features

- Fast, omnidirectional 1D/2D imager
- Bright VFD 2 x 16 character display
- Reads on presentation of a document
- Reads IATA recommended PDF417, 2D and linear symbologies
- Large document throat allows A4/full-page documents to be read
- Reads 2D barcode images on PDA and smartphone displays
- Single RS-232 oe USB connection to host
- FLASH upgradeable software
- Green and red indicator beacons and audio beeper
- Additional RJ45 port for receipt printer functionality
- Integrated on/off switch

Options

- Quick release bracket
- Simple upgrade to include contactless/ NFC/RFID functionality by converting the base to the BGR135C
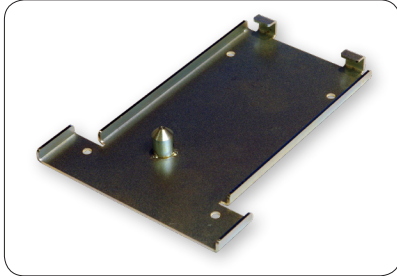
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Accessories

Quick release bracket

The BGR135 quick release bracket provides a simple means to secure the BGR135 boarding gate reader to a counter-top or podium. The addition of the bracket prevents the hardware being accidentally knocked to the ground and damaged, potentially at a critical time in boarding. In addition, it is a deterrent against agents relocating hardware or theft.

RP9000 receipt printer and quick release bracket

The RP9000 is a simple, reliable and robust printer for rapid printing of receipts. In conjunction with the BGR135, it can be used to facilitate seat assignment for passengers boarding with 2D barcoded boarding passes on home-printed documents, or displayed on smartphones or PDAs, allowing seat changes to be made at the gate.

The RP9000 is being used by some airlines to issue boarding pass receipts for all passengers with smartphone boarding passes – allowing phones to be switched off prior to boarding.

The RP9000 and BGR135 can be securely and neatly mounted on the specially designed quick release bracket (shown).

Specifications

Barcode reader

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

Passenger/agent displays

Display: Bright VFD 2 x 16 characters

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

Power supply

Input voltage: 9-15 VDC; AC universal power adapter supplied

Interface

Host interface:

BGR135-S: Serial Interface RS-232C Baud rates 9600, 19200, 38400 & 115200

BGR135-U: USB Interface

Other: RJ45 port for optional RP9000 receipt printer, keypad or auto boarding gate applications

The receipt printer can print seat, flight & psgr data from M1 format bar code docs

Physical characteristics

Dimensions: 130W x 142H (excluding rubber feet 6 mm) x 189D mm

Scan orientation: Face-Up

Weight: 856 g

Protocols supported

Amadeus ACUS ®

AirIT Ease ®

ARINC iMuse ® & vMuse ®

RESA CREWS ®

SABRE EGR ®

SITA CUTE ® NT and APC

Ultra Electronics CUSE®

Edge Airport Cupp-T

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 55022 Class A / Class B, EN 55024, EN 60950-1, IEC 62471: 2006 - Exempt Class

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