

# 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



The BGR135

## 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 cable 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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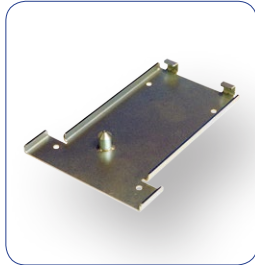
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## Accessories

### 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).



## BGR135 2D BCBP boarding gate reader specifications

### Barcode reader

**Compliance:** AEA2009

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

**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

### Interface

**Host interface:** RS-232C Baud rates 9600, 19200, 38400 & 115200

**Receipt printer interface:** RJ45 port for optional RP9000 receipt printer.

The receipt printer can print seat, flight and passenger data from M1 format barcode documents

### Physical characteristics

**Dimensions:** 130W x 142H (excluding rubber feet 6 mm) x 185D mm

**Weight:** 850 g

### Power supply

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

### Protocols supported (pending)

ARINC Muse & iMuse<sup>®</sup>  
RESA CREWS<sup>®</sup>  
SABRE EGR<sup>®</sup>  
SITA CUTE<sup>®</sup> NT and APC  
Ultra Electronics CUSE<sup>®</sup>  
Edge Airport Cupp-T

### Environmental

**Temperature:**  
Operating 0 °C to +50 °C;  
storage 0 °C to +60 °C

**Humidity:** 0 to 95%, non-condensing

<sup>®</sup> All trademarks acknowledged

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