BGR135C 2D BCBP
Contactless Boarding Gate Reader

Compact, rugged, 2D BCBP and NFC boarding gate solution with receipt printing port

Description
The BGR135C is a compact boarding gate reader for 2D barcoded boarding passes (BCBP’s), with contactless functionality for NFC-enabled phones, tablets and smart cards. In addition the BGR135C includes a receipt printing port and an integrated on/off switch.

The BGR135C reads barcodes face up, enabling operators to more quickly align 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 on presentation.

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 BGR135C is rugged, very compact and lightweight. Its quality-assured UK manufacture ensures it will withstand years of frontline use.

Features
• Fast, omnidirectional 1D/2D barcode imager
• Contactless and NFC-enabled
• Bright VFD 2 x 16 character display
• Reads instantly 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 tablet, smartphone and smart watch displays
• Wide range of emulations available
• Single RS-232 or 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
• Integrated SAM module.
## 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

### Protocols supported
- SITA CUTE® NT and APC

### Environmental
- Temperature:
  - Operating: 0°C to +50°C
  - Storage: 0°C to +60°C
- Humidity: 0 to 95%, non-condensing
- Approvals:

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The BGR135C reads 2D barcodes from the screen of a mobile phone

The BGR135C reads 2D barcodes from a home printed travel document

The BGR135C reads NFC-enabled phones and NFC tags