BGR135C 2D BCBP and Contactless Boarding Gate Reader

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

))NFC))

Description

The BGR135C is a compact boarding gate reader for 2D barcoded boarding passes (BCBP's), with contactless functionality for NFC-enabled phones, PDA's 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.

The BGR135C has NFC read capability

The BGR135C reading a contactless frequent flyer card

Features

- Fast, omnidirectional 1D/2D barcode imager
- Contactless and NFC-enabled
- 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
- Wide range of emulations available
- 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
- Integrated SAM module

Access IS
Interfacing Solutions

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

)) **NFC**))

The BGR135C reads NFC-enabled phones and NFC tags

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

BGR135C 2D BCBP and NFC boarding gate reader 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

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: 20 mm

SAM support

1 x ISO 7816 T=0 protocol slot available

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

USB interface

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

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

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 ®

RESA CREWS ®

SABRE EGR ®

SITA CUTE ® NT and APC

Ultra CUSE®

Environmental

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

Humidity: 0 to 95%, non-condensing

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For further information email: sales@access-is.com or visit our website: www.access-is.com