

# BGR120S Compact Boarding Gate Reader

**An innovative boarding gate solution for the new era of 2D BCBP travel documents.**

## Description

Access' BGR120S is the world's first boarding gate reader designed to solely accept bar coded documents for airports that have already converted to non-ATB2 encoded documents. Having none of the mechanical complexity required to read ATB2 magnetically encoded coupons, the BGR120S is an extremely compact and easy-to-use solution for boarding gate reader applications.

The BGR120S reads 2D BCBPs and home-printed passes face up, making it easy to align the bar code for instant reading. It is equally suitable for reading bar codes from the screens of mobile (cell) phones and PDAs.

The near-zero latency imager will read a bar code as soon as it is held in the bright target zone. The device works with IATA recommended PDF417, 2D and linear symbols and its fast omni-directional imager can even read 2D barcode images from a PDA or cell phone display.

The BGR120S has a 2 x 16 character display with bright LED indicators and a user-programmable sounder to provide clear feedback to the operator.

A wide range of emulations is available for connection to Common Use Terminal Equipment (CUTE®) or dedicated systems and, to ensure that the units are future-proof, new firmware can be remotely downloaded into them. Housed in an attractive ABS enclosure, the BGR120S is rugged, compact and lightweight.



*The BGR120S reading a bar code from the screen of a PDA*



*The BGR120S reading a home-printed travel document*

## 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 documents to be read
- Reads 2D barcode images on PDA and cell phone displays
- Wide range of emulations available
- Single RS232 cable connection to host
- FLASH upgradeable software
- Green and red indicator beacons and audio beeper
- Options port to add receipt printer functionality

## Options

- Addition of a receipt printer, part number RP9000
- Quick release bracket



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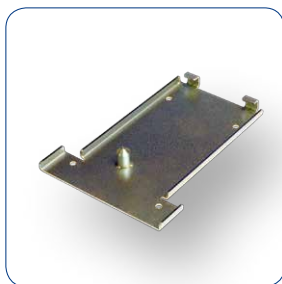
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## Accessories

### Quick release bracket



The BGR120S quick release bracket provides a simple means to secure the BGR120S 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 easily relocating hardware or theft.

### RP9000 receipt printer



The RP9000, a simple, reliable and robust printer for rapid printing of receipts. It can be used to facilitate seat assignment for passengers boarding with 2D bar coded boarding passes on home-printed documents, mobile phones or

PDA's, allowing seat changes to be made at the gate. Additionally, the RP9000 is being used by some airlines to issue boarding pass receipts for all passengers with mobile boarding passes, allowing their mobile phones to be switched off prior to boarding.

## BGR120S Boarding Gate Reader

### Specifications

#### Bar code reader

**Compliance:** AEA2007

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

**2D symbologies:** PDF417, Aztec, Datamatrix and QR codes. Will also read from PDA and cell phone 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 and 19200; USB

**Other:** RJ11 port for optional RP9000 receipt printer, keypad or auto boarding gate applications - order model BGR120SR.

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

#### Physical characteristics

**Dimensions:** 116W x 114H x 187D mm

**Weight:** 950 g

#### Power supply

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

#### Protocols supported

ARINC Muse & iMuse<sup>®</sup>

RESA CREWS<sup>®</sup>

SABRE EGR<sup>®</sup>

SITA CUTE<sup>®</sup> NT and APC

Ultra CUSE<sup>®</sup>

#### Environmental

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

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

**Approvals:** FCC Class B, CE EMC Class B, CE Low Voltage Directive, IEC60825-1 LED Safety: Class 1

<sup>®</sup> All trademarks acknowledged



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