BGR750

Flatbed Contactless Passenger Processing Device

ALL MEDIA TYPES

The BGR750 is a modern, flatbed passenger processing device for all barcoded boarding passes (BCBP's), designed specifically to allow intuitive use with all media types including the latest phones, tablets and smart watches.

FACE-DOWN BARCODE READING

Barcode tickets are presented, face-down, over the scanning window. The large window, wide viewing angle, and depth-of-field creates a large barcode reading area. This makes positioning of the barcode easy and results in fast detection and reading even before the document touches down. The BGR750 has been designed with a very low profile making it the ideal solution for desktop or embedded use. Installation flexibility is further extended by the choice of an angled screen or no screen (OEM only) at all to suit the application for contactless operation in the field. This allows it to cater to the latest developments in NFC-enabled phones, tablets and smart cards.

INTUITIVE TO USE

Designed for future-proof operation, the BGR750 can be supplied equipped for contactless use. Additionally, the BGR's large scanning window has been designed to allow for optional passport MRZ reading by purchasing a software license. Ease of use by passengers and operators was paramount in the design. The color screen displays text and instructional icons to the user to enhance interaction. Feedback is also given by the twin banks of four bright LEDs down the sides of the display, plus the loud audio beeper.

FUTURE-PROOF AND VERSATILE

A wide range of configurations are 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.

CLOUD CONNECTIVITY

See how the BGR750 Contactless Passenger Processing Device can deliver the ultimate in flexible, mobile airport and airline passenger processing in the cloud — free of PCs and electrical mains.
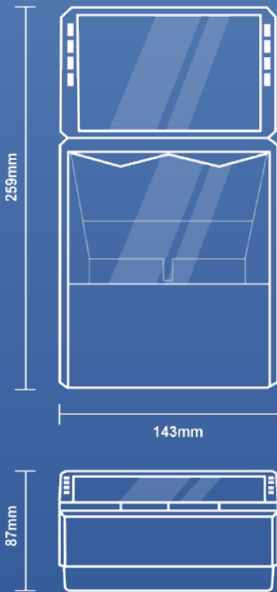
APPLICATIONS

- Boarding / Departure Gates
- Pre-Security Manual Desks
- Duty Free & Airside Retail

FEATURES:

- Rapid Barcode Reading - Fast, omnidirectional 1D/2D barcode imager
- Flexible Design - Angled LCD display or non-display to allow for any installation
- Popular Symbologies - Reads IATA-recommended PDF417, QR, Aztec & other 2D and linear symbologies
- Flexible - Wide range of emulations and connection options available
- Simple Integration - RS-232, USB*, Ethernet* & Mini-HDMI* connection to host
- User Feedback - Green and red indicator beacons and audio beeper
- Receipt Printer - RS-232 serial port for receipt printer functionality
- Options Including - Contactless/NFC capability, desk mount bracket, MRZ reading

HID

BGR750

FEATURES

Connection Types

- USB
- Ethernet*
- RS232*

Technology

- NFC / RFID*
- QR/Barcode
- OCR / MRZ*

Reader Size

- Full Page*

* Optional

BGR750	
READING CAPABILITIES	
Barcode Reading	Compliance: AEA2012 1D symbologies: Code 128, Code 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Code 39, EAN 2D symbologies: IATA resolution 792, QR, Aztec, PDF417 and Datamatrix codes. Media types: Will read: smartphone, tablet and smartwatch displays and paper documents and tickets. Performance: Less than 1 second read capability
Contactless Reader (Option)	Supported media: ISO14443 type A and B cards (Java cards); max baud 424K (extendable to 848K) Mifare UL, Classic 1K, Classic 4K, UL-C, Mifare Plus; max baud 106K Operating frequency: 13.56 MHz Operating distance: 20 mm
OCR Reader (Option)	Standard OCR fonts: OCR-B Machine readable passports (MRP): 2 lines of 44 characters Machine readable visas (MRV): 2 lines of 44 characters, 2 lines of 36 characters Travel documents: 2 lines of 36 characters, 3 lines of 30 characters
Passenger & Agent Display	Display: Colour LCD (480x272px) Visible/audible: Green (good read) and red (bad read) indicator beacons and audio beeper. Configurable capability.
Communications & Host	Host interface: RS-232C Baud rates 9600, 19200, 38400, 115200 & USB Serial port: for receipt printers incl. the RP9000 Ethernet, Mini-HDMI & USB Ports - Available by firmware upgrade
Protocols Supported	AirIT Ease® Amadeus ACUS® (Pending) ARINC Muse & iMuse® Edge CUPPS-T (Pending) RESA CREWS® (Pending) SABRE EGR® SITA Airport Connect® Materna CUSE
ELECTRONIC	
Power	Input voltage: 12VDC; power adapter supplied
PHYSICAL	
Dimensions	6 x 10 x 3 in (143 x 259 x 87 mm)
Active Scan Window	5 x 4 in (130 x 94 mm)
Construction	Robust PC/ABS enclosure with no moving parts
Weight	2.5 lbs. (1100g)
Cable Length	Approx. 6.5 ft (2 m)
THERMAL (AIR)	
Temperature	Operating 32°F to 122°F (0°C to 50°C)
Storage	32°F to 140°F (0°C to 60°C)
Humidity	0-95% non-condensing
APPROVALS	
	FCC 47CFR Part 15 Subpart B Class A, EN 55022 Class A, EN 55024, FCC 47CFR Part 15 Subpart C, ETSI EN 302 291, EN 60950-1

259mm
143mm
87mm

HID

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