



Unimark EC3000 Boarding Gate Reader

Multifunction BGR for fast and reliable
passenger processing

**Our BGR uses the latest imaging technology to
allow you to do more with less. Let us show you how.**

**Accepts standard ATB tickets and
boarding passes, e-tickets, as well
as barcodes stored on cell phones
and PDAs**

**Optional ATB magnetic stripe
reader makes it practical for current
and future deployments**

**Processes barcodes and transmits
the data to host in less than one
second**

**Connects with network using
RS-232, USB and Ethernet**

**Customer adjustable audible and
visual GO or NO GO indicators**

Introducing the compact EC3000 boarding gate reader with a versatile multi-format 1D and 2D barcode imager and an optional magnetic stripe reader.

The EC3000 is engineered to integrate easily into existing airline gating infrastructures without any hassles.

The rugged and affordable EC3000 goes beyond standard boarding devices by combining customer configured protocols with the most advanced electronics on the market today. The EC3000 is able to connect with a wide range of communications systems including dedicated and common use systems.

The EC3000 was designed for ease of use and effortless communication. Customer-controlled audible indicators and a large, highly visible red/green LED light unmistakably confirm the validity of the ticket or boarding pass. Additionally, a two-line vacuum fluorescent display allows the airline to present text messages to the passenger or gate agent.



www.unimark.com

10563 Lackman Road Lenexa, KS 66219
(800) 255-6356 (913) 649-2424
Fax: (913) 649-5795

Unimark EC3000 Boarding Gate Reader

For expanded specifications visit: www.unimark.com/ec3000.htm



In addition to the standard warranty, Unimark offers comprehensive service and support. For more information, visit:

www.unimark.com/ec3000.htm

Performance Summary

- Compatible with AEA 2007 and IATA ATB and barcode ticketing standards
- Able to interface with all popular imagers
- Accepts, reads, and processes industry standard 1D/2D bar codes and magnetic stripe documents in one second or less
- Customer defined sound levels, LED light intensity and text messages make validation simple

Document Handling

- Omni-directional imager able to read 1D/2D barcodes as large as 4.5 inches (114 mm).
- Accepts ATB2 and print-at-home boarding passes, wallets and coupon stubs
- Capable of interfacing with devices such as smart cards, OCR and biometrics scanners

Operational Modes

- Standard AEA interface
- Standard ASCII data stream
- Custom protected mode protocols
- LRC and CRC error checking
- STX/ETX and ACK/NAK protocols
- Image and PECTAB mode data processing

Communications Interface

- Host RS-232D serial interface; DB-9(F) DCE
- Serial baud rates up to 115.2 kbps
- 2MB program Flash (expandable to 4MB)
- 4MB AEA/data Flash (expandable to 32MB)
- 2MB RAM
- Auxiliary RS-232D ports
- Auxiliary USB
- Auxiliary Ethernet port (optional)
- Asynchronous, Bi-Directional, Full-Duplex serial communications
- Custom communication interfaces available

Options

- ATB magnetic swipe reader
- Receipt printer
- 12 button numeric keypad
- Three track credit card reader with optional smart card interface
- Biometrics scanner

Passenger/Agent Indicators

- 2x20 vacuum florescent display
- Customer adjustable green and red LED visual indicator
- Customer adjustable BGR audible indicators

Physical

Dimensions	Depth	Height	Width
	12.5" (318 mm)	7.25" (184 mm)	5.75" (146 mm)

Environmental Conditions	— Relative Humidity:	10-95% non-condensing
	— Temperature	32° to 122° F(0° to 50°C)
	— Power supply	Universal input 100-120/200-240 VAC +/- 10%, 50/60Hz

Pending Compliance

- FCC Part 15, Class A
- UL
- CSA
- CE
- EN 6950

Mounting

- Desktop
(Contact us about customized mountings including existing pedestals)



© Copyright 2009 Unimark Products, LLC. All rights reserved.

The information contained herein is subject to change without notice. Unimark Products shall not be liable for technical or editorial omissions contained herein. Reproduction, adaptation or translation without prior written permission is prohibited, except as allowed under the copyright laws.