

# Boarding Gate Readers and Bar Code Imagers Products for Airports

Access IS has a comprehensive range of BGRs and imaging products as the airport industry has transitioned to 2D BCBP documents.

## BGR120 boarding gate reader family

Access entered the 2D bar coded boarding pass (BCBP) reader market with the BGR120 family. Its face-up reading of bar codes, two line user display, bright LED indicators and a programmable sounder ensure highly efficient passenger processing at the gate. The BGR120S is ideal for airports that have converted to 100% 2D BCBP while the BGR120M combines a motorised four-track ATB2 reader to provide a cost-effective and rugged solution for demanding airport gate reading applications. A kit is available to convert a BGR120M to BGR120S when the transition period ends and ATB2 documents are withdrawn by the end of 2010.



BGR120S

BGR120M

## BGR130 boarding gate reader family

BGR130 products incorporate a manual bidirectional MSR for occasional reading of ATB2 boarding passes which offers a lower total cost of ownership option than a motorised solution. Combining a low cost ATB2 reading mechanism with the full-functionality of the 2D BGR engine, the BGR130 offers a cost effective solution for airports while ATB2 documents continue to be used by some airlines. All models have a two line user display, bright LED indicators and a programmable sounder provide operator feedback. Optional integrated OCR reading capability, receipt printing and keypad functionality is available.



BGR130

BGR120N

## Bar code imagers

The LSR120 provides bar code reading functionality for check-in, lounge, security and duty-free. The LSR130 provides a manual MSR while the BGR120N adds semi-intelligence offering good and bad read indication via communication with the host system. Optional integrated OCR reading capability.



LSR120

LSR130

## Accessories

A number of accessories are available including stand-alone and integrated receipt printers, keypads, secure brackets and document bins.



IER top lid assembly

BGR120M bracket & document bin

## Mobile/Cell and PDA bar code imagers

Also available are kiosk and compact desktop barcode imagers, the LSR106 and LSR110. Go to [www.access-is.com](http://www.access-is.com) for more information.



25 way to 9 way cable adapter

LSR106 mobile/cell phone and PDA bar code reader

Access IS  
18 Suttons Business Park  
Reading, Berkshire  
RG6 1AZ, United Kingdom  
Tel: +44 (0) 118 966 3333  
Fax: +44 (0) 118 926 7281

Access (North America) inc  
PO Box 2569, Peachtree City  
Georgia 30269-2569  
USA  
Tel: +1-770-631-8425  
Fax: +1-678-364-8856

Access IS  
Interfacing Solutions

# LSR and BGR Product Comparison Boarding Gate Readers and Bar Code Imagers



## Key Features

	LSR106	LSR120	LSR130	BGR120N	BGR120S	BGM120M	BGR130
Accept and reject read indicators		Accept only	Good read	Yes	Yes	Yes	Yes
VFD display: 2 line x 16 character of messages from host				Yes	Yes	Yes	Yes
Integrated ATB2 (magnetically encoded boarding pass) MSR			Bidirectional manual swipe			Motorised	Bidirectional manual swipe
Integrated receipt printer & keypad							
Integrated optical character recognition (OCR) reader			Optional				Optional

## Technical Details

	LSR106	LSR120	LSR130	BGR120N	BGR120S	BGM120M	BGR130
Simplex (one way) communication towards host	Yes	Yes	Yes				
Duplex (bidirectional) communication with host				Yes	Yes	Yes	Yes
Serial RS-232 interface to host	Yes <sup>4</sup>	Yes	Yes	Yes	Yes	Yes	Yes
USB (keyboard emulation) interface to host	Yes <sup>4</sup>	Yes	Yes				
USB (virtual COM: port emulation) interface to host	Yes <sup>4</sup>	Yes	Yes	Yes	Yes		
Can be connected directly to serial port of host PC	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Can be connected via Access Keyboards ATB42X keyboard		Yes					
Reads linear and 2D barcodes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fixed-focus imager for ease of use		Yes	Yes	Yes	Yes	Yes	Yes
Wide throat reads bar codes anywhere on A4 document: PDA/cell phone capable		Yes	Yes	Yes	Yes	Yes	Yes
Green light to indicate successful read		Yes	Yes				
Green light to indicate barcode (or ATB2 <sup>1</sup> ) was accepted by host				Yes	Yes	Yes	Yes
Red light to indicate barcode (or ATB2 <sup>1</sup> ) was rejected by host				Yes	Yes	Yes	Yes
Audible indication of successful read		Yes	Yes				
Audible indication of barcode (or ATB2 <sup>1</sup> ) accepted by host				Yes	Yes	Yes	Yes
Audible indication of barcode (or ATB2 <sup>1</sup> ) rejected by host				Yes	Yes	Yes	Yes
Can be powered from USB port on host PC	Yes	Yes	Yes	Yes			
Can be powered from 5VDC, AC adapter or USB power stealer	Yes	Yes	Yes	Yes			
Can be powered from 12V DC or AC adapter					Yes	Yes	Yes
Can be powered from 24V DC or AC adapter							
Soft-configurable for different DCS and CUTE systems		Yes	Yes	Yes	Yes	Yes	Yes
Serial interface for external receipt printer					Order option (BGR120SR)	Yes	Yes
Serial interface for external keypad						Order option <sup>2</sup>	Yes
ACCEPT and REJECT outputs for self boarding gate system						Yes	

## Notes:

<sup>1</sup> BGR120M only <sup>2</sup> This option is not available in conjunction with a serial interface for an external receipt printer

<sup>3</sup> Available without keypad order BGR130R <sup>4</sup> Only one of three options marked <sup>4</sup> must be selected

Ver: 2.1 September 2009

Access IS  
18 Suttons Business Park  
Reading, Berkshire  
RG6 1AZ, United Kingdom  
Tel: +44 (0) 118 966 3333  
Fax: +44 (0) 118 926 7281

Access (North America) inc  
PO Box 2569, Peachtree City  
Georgia 30269-2569  
USA  
Tel: +1-770-631-8425  
Fax: +1-678-364-8856

**Access IS**  
Interfacing Solutions

For further information email: [sales@access-is.com](mailto:sales@access-is.com) or visit our website: [www.access-is.com](http://www.access-is.com)

All trademarks acknowledged. Specifications subject to change without prior notice. This literature is for outline information only.