

BM8300IM

Image Platform

1D/2D



Features

- High-performance imaging technology provides support to read 1D and 2D barcodes from both paper labels and mobile devices.
- Wide field-of-view, omni-directional scanning capability and advanced decoding software facilitate cashiers to scan all barcodes on first pass.
- Sweep and presentation scanning techniques ensure maximum productivity and throughput.
- All-solid-state design without laser modules or spinning motors ensures high reliability and durability.
- Loud speaker and soft blue/green LED offer convenient and comfortable user experience.
- Multiple interfaces enable the image platform to utilize with different devices.

BM8300IM Specifications

Mechanical Characteristics

Dimensions	152 mm × 81 mm × 144 mm (without stand)
(H × W × D)	152 mm × 112 mm × 184 mm (with stand)
Weight	563 g (without stand, without cable), 832 g (with stand , without cable)
Cable	Straight 2.0 m
Connector Type	RJ-45 phone jack connector
Case Material	PC+TPU
Indicator	Beeper, LED
Interface	Keyboard wedge, RS-232, USB Keyboard, USB virtual COM
Programming Method	Manual (reading special barcode)
Program Upgrade	Online

Electrical Characteristics

Input Voltage	5 ± 0.25 VDC
Power	5.00 W (working), 0.40 W (standby)
Current	1000 mA (working), 80 mA (standby)

Performance Characteristics

Image Size	1280 × 1024 pixels															
Scanning Angle	±60°, ±54°, 360° (Skew, Pitch, Roll)															
Decoding Capability	<p>1D: UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128 (GS1-128), ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, GS1 DataBar (formerly RSS) variants</p> <p>2D: PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, GS1 Composite</p>															
Minimum Resolution	4 mil, 1 mil = 0.0254 mm															
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Environmental Characteristics

Temperature	0° to 50°C (32° to 120°F), Operating; -40° to 70°C (-40° to 140°F), Storage
Humidity	5% to 95% (non-condensing)
Safety	EMC: EN55022, EN55024 Electrical Safety: EN60950-1 Photobiological Safety: EN62471:2008 Illumination: 0~100,000 LUX Sealing: IP52 Drop Resistance: 1.5 m (5.0 ft.) drops to concrete

For more information:
www.ardax-tech.eu

Ardax Tech GmbH Am Schiffbeker Berg 6, 22111 Hamburg Germany
 Tel.: +49 40 46 65 62 40 Fax: +49 46 65 62 455 Email: info@ardax-tech.eu

