



2D BARCODE OMNIDIRECTIONAL SCANNER

Whether you need to scan printed bar codes on paper labels or mobile bar codes on the screen of a mobile phone, with this omnidirectional scanner, you'll be ready.

Sporting a new sleek contemporary design ideal for retail and hospitality environments.

- Scans 1D and 2D barcodes
- Compact footprint
- Handheld and hands-free modes

SCAN MOBILE
BARCODES



OMNIDIRECTIONAL
LASER SCAN



OMNIDIRECTIONAL 2D BARCODE SCANNER

PHYSICAL

Dimensions	140 mm H x 82.1 mm W x 80 mm D		
Weight	269 g		
Voltage and current	Idle: 5 ± 10% VDC @ 150ma average	Scanning: 5 ± 10% VDC @ 230ma average	
Colour	Midnight Black		

DECODE CAPABILITY

1-D	UPC/EAN (UPCA/UPCE/UPCE1/EAN-8/EAN-13/JAN-8/JAN-13 plus supplementals, ISBN (Bookland), ISSN, Coupon Code), Code 39 (Standard, Full ASCII, Trioptic, Code 32 (Italian Pharmacode), Code 128 (Standard, Full ASCII, UCC/EAN-128, ISBT-128 Concatenated), Code 93, Codabar/NW7, 2 of 5 (Interleaved 2 of 5, Discrete 2 of 5, IATA, Chinese 2 of 5, Matrix 2 of 5, Code 11), MSI Plessey, GS1 DataBar Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked)			
PDF417 (and variants)	PDF417 (Standard, Macro), MicroPDF417(Standard, Macro), Composite Codes (CC-A,CC-B, CC-C)			
2-D	TLC-39, Aztec (Standard, Inverse), MaxiCode, DataMatrix/ECC 200 (Standard, Inverse), QR Code (Standard, Inverse, Micro)			
Nominal working range	Code 39 – 5 mil: 0 – 4.5 in. (0 – 11.4 cm) UPC/EAN – 10 mil (80%): 0 – 8.5 in. (0 – 21.6 cm) UPC/EAN – 13 mil (100%): 0 – 10.5 in. (0 – 26.7 cm)			
Minimum resolution	Code 39 – 4 mil	UPC – 7.8 mil (60%)	PDF417 – 5 mil	QR Code – 7.5 mil

OPTIONS

Electronic Article Surveillance	Compatible with Checkpoint EAS deactivation systems
Accessories	Wall mount bracket; locking mount bracket

USER ENVIRONMENT

Operating temperature	5% to 85% RH (non-condensing)
Humidity	Withstands multiple 5 ft./1.5 m drops to concrete
Drop Spec	Immune to natural and artificial ambient light (i.e. sunlight, incandescent, fluorescent, mercury vapor, sodium vapor)
Ambient light Immunity	182 x 77.5 x 37 mm / 7.17 x 3.05 x 1.46 in.

PERFORMANCE

Light source	Aiming pattern: single dot, 625nm LED Illumination: 630nm LEDs
Imager field of view	46° Horizontal x 29.5° Vertical
Print contrast	25% minimum reflective difference
Swipe Speed	Up to 90 in./2.3 m per second (Vertical read rate)

IMAGING

Graphics format support	Images can be exported as Bitmap, JPEG or TIFF
Image transfer speed	USB 2.0: Up to 12 Megabits/second RS-232: Up to 115 kb/second
Image transfer time	Typical USB application is ~0.2 seconds with a compressed JPEG of 100kb
Image quality	120 PPI on a 4 x 6 in./10.2 x 15.2 cm document @ 4.7 in./11.9 cm
Interfaces supported	USB, RS-232, RS-485 (IBM 46xx Protocols), Keyboard Wedge

REGULATORY

Electrical safety	UL6950-1, CSA C22.2 No. 60950-1:2nd ed., EN60950-1: 2nd ed. + A11: 2009 IEC60950-1: 2nd ed.
LED safety	IEC / EN 60825-1: 2001 Class 1M LED, EN 62471: 2008 IEC 62471: 2006
EMI/RFI	FCC CFR47 Part 15 Class B: 2007, ICES-003 Issue 4 :2004 Class B, EN 55022: 2006 + A1: 2007, EN 55024: 1998 +A1: 2001 + A2: 2003 AS/NZS CISPR22:2006, VCCI:2007
Environmental	Compliant with RoHS Directive 2002/95/EC

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