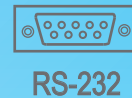


MP168

Screen Barcode Image Platform

1D/2D

Features

- Read all common 1D and 2D barcodes on electronic screens
- Stylish design, plug-and-play interface
- Low power consumption, friendly to environment
- High-speed auto-induction function
- Support voice broadcast customization
- Outstanding in reading barcodes of different screen sizes and different screen brightness

MP168 Specifications

Mechanical & Electrical Characteristics

Dimensions	Height × Width × Depth: 124.5 mm × 97.0 mm × 93.0 mm
Weight	260 g, without cable
Indicator	Speaker
Interface	RS-232, PS/2, USB Keyboard, USB virtual COM
Operating Mode	Hand-held, Auto-detection
Programming Method	Manual (reading special barcode)
Program Upgrade	Online
Input Voltage	3.8 - 5.5 VDC
Current	105 mA (standby) @ 5 VDC, 115 mA (scanning) @ 5 VDC

Performance Characteristics

Image Size	640 × 480 pixels
Field of View	Horizontal: 40°, vertical: 30°
Scanning Angle	± 58°, ± 65°, 360° (Skew, Pitch, Roll)
Print Contrast	20% minimum reflectance difference
Decoding Capability	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, Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, GS1 DataBar (formerly RSS) variants 2D: PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code
Minimum Resolution	1D (Code 39): 10mil, 2D (QR): 10mil
Decoding Depth	10mil Code 39 (3 chars) 0 mm – 35 mm 13mil UPC (6 chars) 0 mm – 55 mm 20mil Code 39 (1 char) 0 mm – 90 mm 10mil QR (20 chars) 0 mm – 10 mm 20mil QR (20 chars) 0 mm – 50 mm Screen Barcode (5.5-inch display) 0 mm – 320 mm

Environmental Characteristics

Temperature	-10° to 45°C (14° to 113°F), operating; -20° to 70°C (-4° to 158°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: Withstands multiple 1.5 m (4.9 ft.) drops to concrete

[Notice]: Specifications are subject to change without notice.

