

MJ-340

BARCODE SCANNER

The MJ-340 barcode scanner is a compact, cost-effective solution for 1D and 2D code reading, designed for easy integration into kiosks, self-service terminals, and retail systems.

This fully enclosed embedded barcode scanner features a 2-meter USB to RJ45 cable and delivers reliable performance — even when reading codes from mobile phone screens.



FEATURES

- Compact footprint with integrated mounting options
- Secure USB interface for reliable connectivity
- Supports standard 1D/2D barcode types and image capture
- High-speed decoding with advanced processing power
- Simple configuration via software tools or manual input
- Reads barcodes from tickets and mobile phone screens with ease

ADVANTAGES

- Optimised for reliable barcode scanning from mobile phone screens
- Simple plug-and-play setup via USB or USB COM port
- Fast technical support with no communication delays
- Local support and efficient logistics for quick delivery

INDUSTRY VERTICALS

The MJ-340 barcode reader is built for space-conscious environments and delivers reliable scanning across a wide range of industry applications:

- **Sports betting terminals** – fast, secure scanning for ticket validation
- **Self-service kiosks** – compact design ideal for seamless integration
- **Event gateways** – reliable for entry control and check-in systems
- **Kiosks** – suited for both informational and transactional use
- **Retail POS systems** – a dependable retail scanner for quick customer checkouts
- **Consumer retail** – ideal for compact, customer-facing applications
- **Healthcare environments** – reliable scanning for patient ID and sample labeling
- **Logistics centers** – accurate reads for tracking and package management
- **Transportation centers** – efficient ticketing and access control



TECHNICAL SPECIFICATION

Capability

CMOS	640 x 480 pixels	
2D Barcode	Aztec code, Data Matrix, Maxicode, PDF417, QR Code	
1D Barcode	China post 25, Codabar, Code 128, Code 39, Code 93, EAN-13, EAN-8, GS1 Databar, Interleaved 2 of 5, ISBN, ISSN, UCC/EAN-128, UPC-A, UPC-E	
2D Resolution	≥6.7mil	
1D Resolution	≥5mil	
Reading Distance	Data Matrix (10mil 20 bytes)	50~90 mm
	PDF417 (6.67mil 7 bytes)	30~130 mm
	QR Code (20mil 16 bytes)	25~240 mm
	Code39 (5mil 10 bytes)	40~90 mm
	EAN-13 (13mil)	50~200 mm
Contrast	≥25%	
Angle Range	Corner 360°, Pitch angle ± 55°, Skew tolerance ± 55°	



Physical Characteristics

Interface	USB, USB COM
Dimensions (W x D x H)	78 mm (W) x 68 mm (D) x 62 mm (H)
Weight	118 g
Input Voltage	5 V DC

Environmental Characteristics

Working Temperature	-20°C ~ +50°C
Storage temperature	-40°C ~ +70°C
Working Humidity	5% ~ 95%
Ambient Light level	0~100,000 LUX
Drop	1.8 m drops

Part Number

MJ-340 Barcode Scanner	3107086
------------------------	---------

Available on Request	Manual
	Drivers
	2D Drawing

See the **MJ-340**
barcode scanner in action!

Product Video

