



ECS-8031C COMS Barcode Scanner Module - Data Sheet

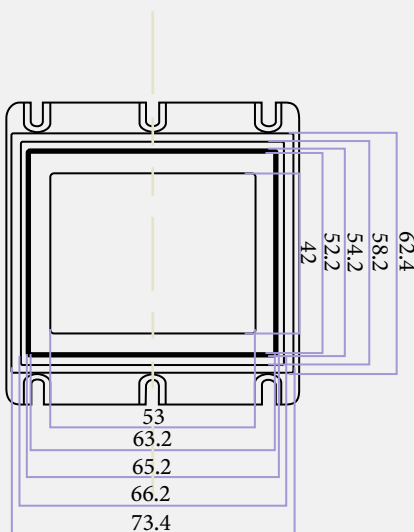


The ECS-8031C is specifically built for indoor applications including Self-Service Kiosk Machines, Access Controls, Information Kiosks, Vending Machines, Sports Betting Terminals, Ticket Vending Machines and POS Systems.

Introducing our cutting-edge 1D/2D Barcode Scanner, meticulously designed for seamless integration into indoor machinery. Its compact size ensures a space-efficient solution, while the integrated LED light enhances visibility. With an in-house developed decoding technology, this scanner excels in reading slightly unclear 1D barcodes. The distinctive beep sound that signals a successful scan, ensures efficiency and accuracy. Elevate your operations with a reliable and advanced barcode scanning solution that effortlessly combines compact design, superior decoding capabilities, and user-friendly feedback features.

Features

- Compact size ideal for limited machinery space.
- Wide angle lens enables flexible reading distance.
- Build-in USB & RS232 port.
- Able to read 1D barcodes including blurry and damaged barcodes.
- Able to scan under low backlight circumstances.
- 6 front mount points.
- Wide operating temperature range -20°C~+60°C.



ECS-8031C COMS Barcode Scanner
PART NO: 23107010

Technical Specification

- Model:	ECS-8031C	
- CMOS:	640×480 Pixel	
- LED:	White Light LED (6500K)	
- Barcode:	2D:	PDF417, Data Matrix, QR Code, Aztec code
	1D:	Interleaved 2 of 5, ISBN, Code 93, Code 11, UCC/ EAN-128 GS1 Databar, Matrix 2 of 5, Industrial 2 of 5, Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codebar, Standard 2 of 5, MSI-Plessey, GS1 composite code
	OCR (optional):	Meet OCR-A, OCR-B font standard (customization)
- Resolution:	≥3mil	
- Reading Distance:	UPC-A 13mil	25-250 mm
	PDF417 6.88mil	25-80 mm
	Data Matrix 10mil	25-83 mm
	QR Code 20mil	10-130 mm
- Contrast:	≥20%	
- Barcode Sensitivity:	lean±60°, deflection±55°, rotation 360°	
- Angle Range:	Diagonal 80°	
- Motivation Tolerance:	≥2m/s	
- Interface:	TTL/RS-232, USB, USB COM, TTL3.3V, TTL5V	
- Dimensions (W x D x H):	64.8(W)x60.5(D)x21.2(H)mm	
- Weight:	30g	
- Input Voltage:	3.6-6V/3.3V (optional)	
- Currency:	Below 190mA (5Vinput)	
- Working Temperature:	-20°C ~+60°C	
- Storage Temperature:	-40°C ~+70°C	
- Working Humidity:	5%~95%	
- Ambient Light level:	0~100,000LUX	
- Drop:	1.2m drops	