

SAVEO-EMB-M12D Embedded OEM Scanner

The SAVEO-EMB-M12D is an ultra compact, fixed mount embedded OEM scanner. Featuring durable aluminium housing, a high performance Motorola SE3300 2D scan engine, adjustable mounting bracket and autosensing, the SAVEO-EMB-M12D is ideally suited to production line, ATM, kiosk, POS and many other automatic scanning applications.

FEATURES

- HIGH PERFORMANCE MOTOROLA SE3300 SCAN ENGINE
- WIRED USB CONNECTIVITY
- ANDROID / iOS / WIN / MAC
- ULTRA COMPACT DESIGN (60 X 54 X 30 mm)
- ADJUSTABLE MOUNTING BRACKET
- FAST AUTOSENSING CAPABILITY
- STRONG ALUMINIUM HOUSING



DESCRIPTION	P/N
2D barcode scanner (2D Motorola engine SE3300 scan engine), USB Interface, Adjustable Bracket	SAVEO-EMB-M12D

Specifications

Performance characteristics	
Scan Engine	Motorola SE3300
Aiming LED	617 nm LED, dot optical power: 0.19mW typical
Illumination Element	2x 625 nm LEDs
Depth of field	1D (100%UPC-A) : 430 mm 2D (15mils PDF417) : 380 mm
Scan Speed	60 frame /sec
Sensor	CMOS (752x480 pixels)
Best resolution	1D (4mils) : Code 39 2D (6.7mils) : PDF417
Reading angle	Tilt: 360° / Pitch ±60° / Skew ±60°
Print contrast	≥ 25%
Indicators	LED & Beeper
Interface	USB (Serial), USB (HID)
Auto-sensing	Up to 200 mm

Electrical characteristics	
Input voltage	5 VDC ± 0.5 V
Current - operating	460 mA

Physical characteristics	
Dimensions	60 X 54 X 30 mm (L x W x H)
Weight	150 g +/- 5 g (No cable)

User Environment	
Operating temperature	0°C to 50°C
Storage temperature	-40°C to 70°C
Humidity	5% to 95% relative humidity, non-condensing
Ambient Light	Maximum 96900Lux. (direct sunlight)

Symbologies	
UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13, Bookland EAN, Code 128, UCC/EAN-128, ISBT 128, Code 39, Trioptic Code 39, Code 32 (Italian Pharma Code), Code 93, Code 11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, GS1 DataBar, PDF 417, MicroPDF417, Datamatrix, QR Code, Micro QR Code, Aztec , RSS, Composite, TLC-39, MaxiCode, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)	

Depth of Field	
4 mils Code 39	65 ~ 150 mm
5 mils Code 39	46 ~ 195 mm
10 mils PDF 417	38 ~ 260 mm
15 mils PDF 417	60 ~ 380 mm
10 mils QR code	45 ~ 170 mm
15 mils QR code	48 ~ 155 mm
10 mils Data Matrix	50 ~ 220 mm
15 mils Data Matrix	40 ~ 305 mm