

SAVEO-EMB-M22D Embedded OEM Scanner

The SAVEO-EMB-M22D is an ultra compact, fixed mount embedded OEM scanner. Featuring durable aluminium housing, a high performance Motorola SE4500 2D scan engine, adjustable mounting bracket and autosensing, the SAVEO-EMB-M22D is ideally suited to production line, ATM, kiosk, POS and many other automatic scanning applications.

FEATURES

- HIGH PERFORMANCE MOTOROLA SE4500 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 SE4500 scan engine), USB Interface, Adjustable Bracket	SAVEO-EMB-M22D

Specifications

Performance characteristics	
Scan Engine	Motorola SE4500
Aiming LED	655nm Laser
Illumination Element	2x 625 nm LEDs
Depth of field	1D (100% UPC/EAN): 430 mm 2D (15mils PDF417): 395 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 $\pm 60^\circ$ / Skew $\pm 60^\circ$
Print contrast	$\geq 25\%$
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	450 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	70 ~ 180 mm
5 mils Code 39	44 ~ 200 mm
10 mils PDF 417	60 ~ 290 mm
15 mils PDF 417	68 ~ 395 mm
10 mils QR code	55 ~ 190 mm
15 mils QR code	85 ~ 280 mm
10 mils Data Matrix	56 ~ 215 mm
15 mils Data Matrix	66 ~ 330 mm