

SAVEO-EMB-S2D Embedded OEM Scanner

The SAVEO-EMB-S2D is a next-generation, ultra-compact, fixed mount embedded OEM 2D scanner. Featuring durable IP65 rated industrial housing, a high-performance Saveo 2D Imager System and autosensing, the SAVEO-EMB-S2D is ideally suited to integrated kiosk, production line, ATM, POS and many other automatic scanning applications.

FEATURES

- HIGH PERFORMANCE SAVEO 2D IMAGER ARRAY
- WIRED USB CONNECTIVITY (LOCKABLE)
- ANDROID / iOS / WIN / MAC
- ULTRA COMPACT DESIGN
- ADJUSTABLE MOUNTING OPTIONS
- SUPER FAST AUTOSENSING CAPABILITY
- STRONG INDUSTRIAL IP65 RATED HOUSING



DESCRIPTION	P/N
2D barcode scanner (2D Saveo Imager), USB Cable (lockable)	SAVEO-EMB-S2D-U

Specifications

Performance characteristics	
Scan Engine	SAVEO-S12D
Aiming LED	655nm Laser
Illumination Element	8 x 625 nm LEDs
Depth of field	Code 39 70mm~150mm (5mil) 100% UPC-A 35mm~320mm (13mil) Data Matrix 30mm~300mm (10mil) Resolution 1D Code39 4.8mil (0.122mm) Resolution 2D Data Matrix 6.6mil (0.168mm)
Decode Speed	5 in/s (12.7 cm)
Decode Error Rate	Less than 1/8 million
Sensor	CMOS 1280pixel(H)*800pixel(V)
Best resolution	1D (4mils) : Code 39 2D (6.7mils) : PDF417
Reading angle	54°(H) x 33°(V)
Print contrast	≥ 30%
Indicators	LED (Blue + White) & Beeper
Interface	USB (HID/Virtual COM Port)
Auto-sensing	Handheld, Auto sensor

Electrical characteristics	
Input voltage	5 VDC ± 0.5 V
Current - operating	500 mA

Physical characteristics	
Dimensions	50.3 X 40 X 23.1 mm (L x W x H)
Weight	68 g +/- 5 g (without cable)

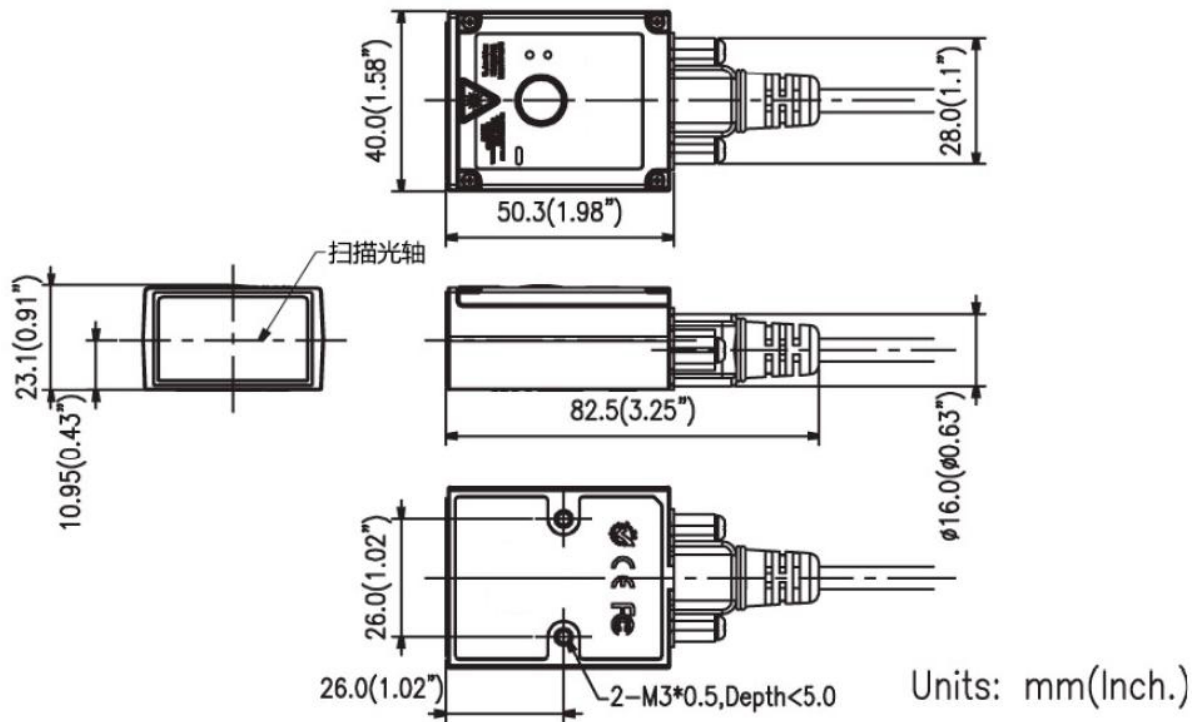
User Environment	
Operating temperature	-20°C to 60°C
Storage temperature	-40°C to 70°C
Humidity	5% to 95% relative humidity, non-condensing
Ambient Light	0-8600Lux (FLUO) - 100000Lux (direct sunlight)
Drop resistance	Can withstand multiple drops at a height of 1.8m

Symbologies	
2D: PDF417, QR Code (QR1/2, Micro), Data Matrix, MaxiCode, Aztec code 1D : Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, JAN-8&JAN-13,ISBN/ISSN, UPC-E, UPC-A (Expanded stacked), Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code39, Codabar, Code 93, Code 11, Code, 32,IATA 2 of 5, Pharmacode GS1 Databar, Stacked,Limited,Expanded,Codebar (NW7)	

Certifications



Physical Dimensions



Depth of Field

