



MS282e

2D Imager Scanner



Need an efficient and powerful way to capture 2D barcodes at any budget? The MS282e is a great alternative to more robust scanners with features other readers ignore. Its two-dimensional barcode scanning technology works for a wide range of markets and applications, from point-of-sale systems, loyalty card and mobile coupons in retail store to general purpose hospitality scanning. Need an efficient and powerful way to capture 2D barcodes at any budget? The MS282e is a great alternative to more robust scanners with features other readers ignore. Its two-dimensional barcode scanning technology works for a wide range of markets and applications, from point-of-sale systems, loyalty card and mobile coupons in retail store to general purpose hospitality scanning.

Intuitive and Easy To Use

Featuring a compact size in an ergonomic housing, the MS282e handheld scanners are easy to hold and operate, just plug-and-play and connect it to your computer via USB cable. There is no need to do any additional installation or training, it's ready to work. This device enhances the maximum compatibility by reading major 1D or 2D barcode types, and even reads damaged or poorly printed bar codes.

Durability

This rugged 2D barcode scanner is truly enterprise-ready. It features an IP42 environmental seal against moisture and dust and a 1.5m drop specification. The MS282e barcode scanner offers a presentation mode that allows you to scan barcodes automatically without pressing buttons. Alternatively, it can be used manually in trigger mode. With the barcode scanner stand (optional), it provides a simpler way to hold the MS282e that ensures longer service time. Built in versatile capabilities, the MS282e is truly an elegant barcode scanner with high value.

Features

- Compact and lightweight design
- Reads all 1D and 2D barcodes
- Scan barcodes on the screens of mobile devices
- Durable rugged scanner: IP42 and 1.5m drop spec
- Long lifecycle trigger design: Up to 10,000,000 times.
- Versatile scanning modes: supports both manual and presentation scanning

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Specifications



Optical & Performance

Sensor	640 X 480 CMOS
Aiming Element	Red LED (625nm)
Illumination	White LED
Ambient Light	0~100,000lux (natural light)
Skew Angle	±60°
Pitch Angle Sensor	±60°
Roll Angle	0 - 360°
Field of View	Horizontal 42° Vertical 31.5°
Optical Resolution	(1D)≥3mil (1D, (2D)≥6.67mil
Printing Contrast Scale	25%
Depth of Field	SYMBOLGY / X-DIM TYPICAL RANGE* Near Far
	EAN-13 (13mil): 60mm-350mm
	Code 39 (5mil): 40mm-150mm
	PDF417 (6.7mil): 50mm-125mm
	Data Matrix (10mil): 45mm-120mm
	QR Code (15mil): 30mm-170mm

Communication

Host Interface supported	USB
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Mechanical

Dimension	179.7 mm x 47.5mm x 51.3mm
Weight	125g
Trigger Switch Life	10 million times

Electrical

Operation Voltage	DC 5V +/- 10%
Current Consumption	Operation mode: <110mA Standby mode: <7mA
Indicator	Buzzer, LED

Symbologies

1D	Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, AIM128, Plessey, MSI-Plessey
2D	PDF417, QR Code, Micro QR, Data Matrix Prefix, Suffix, Code ID, Reformatting Date

Environmental

ESD Protection	Functional after 8K Contact and 12K Air 1.5M onto concrete
Mechanical Shock	
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	95% non-condensing
IP Rating	IP42

Accessories

Hands Free Stand

Regulatory Approvals

CE, FCC, BSMI, VCCI

Package Contents

MS282e Scanner
USB Cable



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