



MS360

Rugged Imager Scanner



2D setting new standards

Around the world, 2D imaging is setting new standards for identification. From drivers' licenses to social services also postal packages, electrical components and national ID cards, 2D imaging will become the preferred means of encoding ID information and an important part of current and future solutions. Whether capturing a signature as proof of delivery or taking a picture for identification; 2D is basically suitable in all electronic data interchange (EDI) applications.

Unitech's investment in 2D technology has produced the MS360, offering the full advantage of a CMOS imaging camera, mega pixel resolution and Strong-ARM processor; all at a very economical price.

The MS360 provides accurate reading of a wide range of symbologies; high density 1D linear, multi-row symbology PDF417 and most common 2D codes even in damaged or poorly printed conditions. The omni-directional reading capability, together with the bright, sharp and focused aiming light allow "point and shoot" scanning, seizing data at a high-speed of 43M pixels per second.

The additional upgradeable firmware, exceptional durability and low power consumption make the MS360 an excellent choice for portable data collection in applications such as warehousing, manufacturing and distribution.

Main Features

- Supports mega pixel
- Res. 1280 x 1024 (1.3M) pixels
- Strong-Arm processor
- Reads linear, 2D, PDF417 and postal barcode
- 8MB RAM/1MB ROM
- Easy programming using scanner configuration manager (windows 98/2000/XP)
- 1.5m free drop
- DOF up to 26cm
- Ergonomic design
- Smart power saving modes
- Clearly and adjustable beepers

► Optical/Performance

Optical System	Symagery® SX5300 Image Reader
Light Source	Visible 617nm LED
Aiming Light Source	Visible 623nm LED
Ambient light	0 ~ 100,000 lux (sunlight)
Resolution	1280 x 1024(1.3M) pixels
Field of View	49.7° horizontal, by 40° vertical
Optimal Reading Range	15cm
PCS	Minimum 10%
Pitch and Skew Angle	± 35°
Rotational Sensitivity	± 180°
Image Capture	BMP file type

► Electrical

Decoder	Symagery® SK5000 Integration Kit Decoder Board
Indications for Scanner	Read (LED Red), Good Read (LED Green)
Buzzer	Programmable tone and volume, 70dB at 10cm distance

► Mechanical

Dimensions	5.1" (L) x 3.5" (W) x 5.7" (H) 130mm (L) x 89mm (W) x 144mm (H)
Weight	11 oz. (312g) - includes USB cable

► Power

Power Input	5VDC/2A via cable
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► Communication

Interface connectivity	USB for IBM PC or compatible, and MAC
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► Environmental

Operating Temperature	32°F to 122°F (0°C to 50°C)
Storage Temperature	-40°F to 140°F (-40°C to 60°C)
Humidity	5% to 95% non-condensing
ESD Protection	Functional after 8K Contact and 12K Air
Mechanical Shock	1.5m onto concrete

► Regulatory Approvals

CE, FCC, BSMI

► ID Symbologies

Code 39 Full ASCII, Codabar, EAN-13, Code 39 Standard, Code 128, Code 93, UPC-A, EAN-128, EAN-8, UPC-E, Interleaved 2 of 5, UCC RSS

► 2D Symbologies

DataMatrix, Maxicode, PDF417, MicroPDF, UCC Composite, QR Code

► Models

MS360-SUB	2D imager, USB int. UK PSU
MS360-SUE	2D imager, USB int. EU PSU



MS360-06V2



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