

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 |
|-------------|-------------------|

► Communication

| | |
|------------------------|---------------------------------------|
| Interface connectivity | USB for IBM PC or compatible, and MAC |
|------------------------|---------------------------------------|

► 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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