MS-Q Basic imager is a portable handheld solution for reading both bar codes and 2D symbols. The MS-Q reads a wide range of bar code symbols created from a variety of printing and marking methods.

BASIC IMAGER FOR BAR CODES AND 2D SYMBOLS

Read Area:
The MS-Q Basic imager’s advanced “dual-decode zone” technology allows the user to easily capture 2D symbols and linear bar codes at varying distances from 2 to 20" (50.8 to 508 mm). This wide read area allows the symbols to be decoded fast and reliably.
Lightening fast processing speeds also add to the MS-Q’s ability to acquire and decode multiple symbologies within seconds of each other, with no adjustment of the imager required.

Ease of Use:
All MS-Q imagers feature point-and-click targeting with a red laser spot to quickly center the symbol in the field of view. Beeper, vibrator, and multi-purpose LEDs provide real-time feedback to signal successful decoding.

System Integration:
All MS-Q imagers are available in 3 configuration options that provide effortless connectivity:
• **Batch**: A wireless way to collect thousands of decoded symbols for later download, capable of performing more than 4000 reads from a single battery charge and buffers a minimum of 1 MB of data in nonvolatile memory.*
• **Cabled**: Cabled units can be connected in two ways: USB and RS-232.
• **Bluetooth**: Wireless data transmission using Bluetooth™ class 1 radio with a 328’ (100 m) operating range.

*S for batch and Bluetooth™ options a 1300 mA Lithium-Ion battery is included.

Symbologies:
The MS-Q Basic automatically discriminates between all major 2D matrix and linear bar code symbologies, and offers time stamp capability for logging data. Symbologies include:

2D Symbologies:
• MaxiCode
• QR Code
• Aztec Code
• Data Matrix (ECC 0-200)

Stacked Symbologies:
• UCC Composite
• PDF417 (with Macro support)

Linear Bar Codes:
• Codabar
• Codablock F
• GoCode
• Code 93
• RSS
• Code 39
• Code 128
• Standard postal codes
• UPC/EAN/JAN
• Int 2 of 5

Applications:
The MS-Q Basic imager is a strong reading solution for any application needing to read linear bar codes and 2D symbologies with a portable handheld device.

MS-Q Accessories:
• Long-life 1300 mA lithium-ion battery
• Bluetooth modem (serial gateway) with 328’ (100 m) operating range
• Two-bay battery charger
• RS-232 kit
**MS-Q Basic Imager for Bar Codes and 2D Symbols**

**Specifications and Options**

**Imager Mechanical**
- Height: 1.3" (33 mm)
- Width: 1.8" (46 mm)
- Depth: 4.3" (109 mm)
- Weight: 2.5 oz. (71.5 g)

**Handle Mechanical**
- Height: 3.8" (96.5 mm)
- Width: 1.2" (30 mm)
- Depth: 1.4" (36 mm)
- Weight: 1.2 oz. (59.8 g)

**Additional Physical Characteristics**
- Battery Weight: 2.1 oz. (59.5 g)
- Battery Blank: .5 oz. (13.6 g)
- Cable Length: 6" (1.8 m)

**Environmental**
- Operating Temperature: 0° to 40°C (32° to 104°F)
- Storage Temperature: 20° to 60°C (-4° to 140°F)
- Humidity: 5 to 90% (non-condensing)

**CE Standards**
- Immunity: EN 55024
- ESD: EN 61000-4-2
- Radiated RF: EN 61000-4-3
- Keyed Carrier: ENV 50204
- EFT: EN 61000-4-4
- Conducted RF: EN 61000-4-6
- Emissions: EN 55022, Class B Radiated, Class B Conducted

**Symbol Types**

<table>
<thead>
<tr>
<th>Linear Bar Codes</th>
<th>2D Symbologies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code 39</td>
<td>Data Matrix (acc 0.000)</td>
</tr>
<tr>
<td>I2 of 5</td>
<td>MaxiCode</td>
</tr>
<tr>
<td>UPC/EAN</td>
<td>Aztec Code</td>
</tr>
<tr>
<td>Codabar</td>
<td>QR Code</td>
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<tr>
<td>Go Code</td>
<td>Code 93</td>
</tr>
<tr>
<td>RSS</td>
<td>KX Code</td>
</tr>
<tr>
<td>PLANET</td>
<td>Postal Codes (Japan, Australia)</td>
</tr>
</tbody>
</table>

**Electrical**
- Power Requirements: 5 VDC (mA)
  - Typical: 310 Peak: 310 Sleep: 3
- Bluetooth Radio at 295’ (90 m) away (mA):
  - Typical: 280 Peak: 350 Idle: 96 Sleep: 3
- Bluetooth Radio at 33’ (10 m) away (mA):
  - Typical: 260 Peak: 350 Idle: 96 Sleep: 3
- Battery Life: Battery with radio will support 4000 read/transmits per charge including 8 hours of standby interval.

**Safety Certifications**
- Designed for: FCC, CE
- ISO Certification: ISO 9001/Cert. No. 00-1047

**Microscan**

For more information, please visit www.jetec.com

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Specifications subject to change, 03/04 - Base B