

MP720

Presentation Imager

**1D/2D**

Features

- Stylish, compact design, ideal for constrained-space environment
- Read 1D/2D barcodes from paper labels and electronic screens
- Ergonomic finishing grip, suitable for handheld operation
- Adjustable omni-directional scanning head meets various needs
- Image auto-induction function effectively reduces power consumption and subsequent core components abrasion
- Solid-state design, no easily worn-out or fragile parts, ensures high reliability and durability
- Support software customization
- Support voice broadcast customization
- Multiple common interfaces allow easy integration into different devices
- Green aimer, bicolour LED indicator and loud sound deliver comfortable and convenient scanning experience

MP720 Specifications

Mechanical Characteristics

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|--------------------|------------------------------------------------|
| Dimensions | Height × Width × Depth: 93 mm × 95 mm × 157 mm |
| Weight | 287 g, without cable |
| Cable | Straight 2.0 m |
| Connector Type | RJ-45 phone jack connector |
| Indicator | Beeper, LED |
| Interface | RS-232, USB Keyboard, USB virtual COM |
| Operating Mode | Hand-held, Auto-detection |
| Programming Method | Manual (reading special barcode) |
| Program Upgrade | Online |

Electrical Characteristics

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|---------------|-----------------------------------|
| Input Voltage | DC 5 ± 0.25 V |
| Current | 90 mA (standby), 420 mA (working) |

Performance Characteristics

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| Image Size | 752 × 480 pixels |
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| Scanning Angle | ± 58°, ± 73°, 360° (Skew, Pitch, Roll) |
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| Decoding Capability | 1D: UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, GS1 DataBar (formerly RSS) variants |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

2D: PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code

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|----------------|-----------------------|------------|
| Decoding Depth | 5 mil Code 39 (3B): | 10 – 60 mm |
| | 13 mil UPC (6B): | 0 – 170 mm |
| | 20 mil Code39 (1B): | 0 – 255 mm |
| | 6.7 mil PDF417 (20B): | 5 – 70 mm |
| | 10 mil QR (20B): | 0 – 95 mm |
| | 20 mil QR (20B): | 0 – 220 mm |

Environmental Characteristics

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| Temperature | -20° to 55°C (-4° to 131°F), Operating; -20° to 75°C (-4° to 167°F), Storage |
|-------------|------------------------------------------------------------------------------|

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| Humidity | 5% to 95% (non-condensing) |
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| Safety | EMC: EN55022, EN55024 Electrical Safety: EN60950-1 Sealing: IP50 |
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| Safety | Drop Resistance: 30+ times of 1.5 m (5.0 ft.) drop to concrete |
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Photobiological Safety: EN62471:2008 | Illumination: 0~100,000 LUX

