# KP1401
## *desk reader*

As the first megapixel scanner on the market, the **KP1401** *desk reader* II reads 1D and 2D barcodes, including Aztec, with speed and ease from paper and from a mobile phone screen. With user friendliness being at the forefront of POS systems, the **KP1401** *desk reader* features soft illumination with a 10-degree tilt that insures comfort for both employees and customers. Combined with its superior performance and level of comfort, the **KP1401** *desk reader* is the perfect addition to any POS system.

| 2D | 1D | 1M PIXEL SENSOR | 1.5M DROP | IP 50 | USB |

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# KP1401 *desk reader*

## Main Characteristics

| | | |
|---|---|---|
| **Physical** | Dimensions | Height 93 mm, Width 95mm, Depth 157 mm |
| | Weight | 298 gr, without cable |
| | Cable | Removable Straight 2.0 m |
| | Connector Type | RJ-45 phone jack connector |
| | Case Material | PC |
| | Indicator | Beeper, LED |
| **Communication** | Interface Supported | USB Keyboard,<br>USB virtual COM<br>RS-232, (optional) |
| **Performance** | Operating Mode | Hand-held, Auto-detection |
| | Programming Method | Manual (reading special barcode) |
| | Firmware Upgrade | Supported |
| | Input Voltage | USB 5 ±0.25VDC |
| | Current | Standby: 110 mA<br>Scanning: 370 mA |
| | Image Size | 1280 x 800pixels |
| | Imager Field of View | Horizontal: 64°, vertical: 44° |
| | Scanning Angle | ±70°, ±70°, 360° (skew, pitch, roll) |
| | Print Contrast | 20% minimum reflective difference |
| | Minimum Resolution | SR：1D（Code 128）：4mil |
| | Decoding Depth | 5 mil Code39 (3 chars)　　　5mm – 55mm<br>10 mil Code39 (3 chars)　　0mm – 140mm<br>13 mil UPC (6 chars)　　　　0 mm – 150mm<br>20 mil Code39 (1 char)　　　0mm – 239mm<br>6.7 mil PDF417 (20 chars)　15mm – 60mm<br>10 mil QR (20 chars)　　　　0mm – 40mm<br>20 mil QR (20 chars)　　　　0mm – 150mm |
| **Data Capture** | 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(Discrete 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, Telepen, GS1 DataBar (formerly RSS) variants |
| | Decoding Capability 2D | PDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, MicroQR Code, MicroPDF417 |
| **Environmental** | Temperature | Operating -20° to 55°C<br>Storage -20° to 75°C |
| | Humidity | 5% to 95% (non-condensing) |
| | Sailing | IP50 |
| | Safety | Safety: EN62471:2008 - EN60950<br>EMC: EN55022 - EN55024<br>Drop: 30+ times of 1.5m to concrete |

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