

HTDB-100

Handheld 1D/2D Barcode Reader, 1280x1024, 10 ~ 270 mm Reading Distance, USB Interface



Features

- » Read 1D, 2D barcodes on paper and mobile phones
- » Strong ability to read barcodes, can decode broken, curved and blurry printed barcode fast
- » Read multiple barcodes by holding the trigger
- » IP41 rating against dust and moisture
- » Rugged design, 1.8 m/5.9 ft. drop to concrete
- » Ergonomic and beautiful design for long time usage, suitable for left- and right-handed users
- » Medical Grade Design: Anti-bacterial surface (HTDB-100FM)

Specifications

| Appearance | |
|-----------------------|--|
| Dimension | 17.5 cm x 5.9 cm x 11.2 cm |
| Net Weight | 120 g |
| Certifications | |
| Electrical Safety | UL60950-1 2nd ed, CSA C22.2 No. 60950-1 2nd ed, EN60950-1/IEC60950-1 2nd ed |
| EMI/RFI | FCC Part 15 Class B, EN55032 Class B, EN55024, Medical Electrical Equipment:EN60601-1-2, FCC Part 18 |
| LED Safety | IEC/EN62471 |
| Environment | |
| Humidity | 0 to 95% relative humidity, non-condensing |
| Operating Temperature | 0°C to 55°C (32°F to 131°F) |
| Storage Temperature | -10°C to 65°C (13°F to 149°F) |
| Others | |
| Interface | RJ-45 to USB 2.0 |
| Power Consumption | 2 W ~ 3 W |
| Power Supply | 1 x Input voltage(5V) |
| Software Support | |
| SDK | Windows Linux |
| OS Support | Microsoft Windows 8.1 64-bit Microsoft Windows 10 64-bit Microsoft Windows 8.1 32-bit Microsoft Windows 7 32-bit Microsoft Windows 10 32-bit Microsoft Windows 7 64-bit |
| Light Source | |
| Illumination | Green LED |
| Lens Specifications | |
| Reading distance | 10 mm ~ 270 mm |
| Scan Performace | |
| FOV | Horizontal: 42.4° Vertical: 34.4° Diagonal: 53° |

| | |
|-----------------------|---|
| Motion Tolerance | Up to 350 cm/s for 13 mil UPC at optimal focus |
| MTF | 100 lp/mm (>10%) |
| Print Contrast | 20% minimum reflectance difference |
| Sensor Specifications | |
| Resolution | Area image (1280 x 1024 pixel array, 1.3M pixels) |
| Symbologies | |
| 1D | UPC/EAN((UPC/EAN)with supplementals) |
| | Code 39/(Code 39 Full ASCII) |
| | Code 128 |
| | Codabar |
| | Bookland EAN |
| | GS1-128 |
| | Interleaved 2 of 5 |
| | ISBT 128 |
| | ISSN |
| | MSI |
| | UCC coupon Extended Code |
| | Code 93 |
| 2D | PDF417 |
| | Micro QR Code |
| | Micro PDF417 |
| | Data Matrix |
| | QR Code |

Ordering Information

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|----------------|---|
| HTDB-100F-R10 | Handheld barcode reader with 1D/2D barcode decoding, 1280x1024, 10 ~ 270 mm reading distance, USB interface, RoHS |
| HTDB-100FM-R10 | Handheld barcode reader with 1D/2D barcode decoding, 1280x1024, 10 ~ 270 mm reading distance, anti-bacterial surface, USB interface, RoHS |

Packing List

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|--|------------------------|
| 1 x HDTB-100F/FM handheld 1D/2D barcode reader | 1 x RJ-45 to USB cable |
| 1 x QIG | |