

## 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,<br>EN60950-1/IEC60950-1 2nd ed                          |
| EMI/RFI               | FCC Part 15 Class B, EN55032 Class B, EN55024,<br>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

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

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