



## Z-6010 Omnidirectional Laser Bar Code Reader, USB, black

Zebex Z-6010 is a compact hands-free omnidirectional laser bar code scanner with aggressive scanning performance. It supports both omnidirectional and single-line scanning, uses Z-SCAN+ technology and can have the optional 3D turning cradle.

It instantly becomes a single-line laser scanner by firm pressing down a button. It is designed to suit both requirements for omnidirectional and single-line scanning. With the reserved mounting holes at the back of the scanner body, the Z-6010 transforms to a scanning module to allow integration into your desirable hardware application. It also has an optional cradle with two joints which creates a three-dimensional adjustment capability by turning so that you can enjoy the benefit of a real best fit.



# Technical Description

## Functionality & Operation

|                          |                                                                                                                                                                                                                                                                                  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Communication interface  | USB-HID, USB-VCP                                                                                                                                                                                                                                                                 |
| Indicators               | Dual-color LED (blue and red), programmable buzzer                                                                                                                                                                                                                               |
| 1D Barcode Symbolologies | Codabar, Code 11, Code 128, Code 32, Code 39, EAN 13/UPCA, EAN 8, GS1 Data Bar (RSS), GS1 DataBar Expanded, GS1 DataBar Limited, China Postal Code, Industrial 2 of 5, Interleaved 2 of 5, ISBN/ISSN, MSI, Standard 2 of 5, UCC/EAN-128, UPC/EAN/JAN, UPCA, UPCE, JAP, IATA Code |

## Optical

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| Light source            | visible laser diode VLD 650 nm                   |
| Depth of scan field     | 0-280 mm                                         |
| Scannig pattern         | 5 directions, 20 lines                           |
| Scanning rate           | 1400scan/s omnidirectional, 70scan/s Single-Line |
| Minimum symbol contrast | 30% UPC/EAN 100%                                 |

## Electrical

|                               |                       |
|-------------------------------|-----------------------|
| Power Source                  | +5V $\pm$ 10%, 200 mA |
| Power Consumption - Operation | 1W                    |

## Mechanical

|              |                                             |
|--------------|---------------------------------------------|
| Color        | black                                       |
| Dimensions   | Width: 70mm, Height: 65.8mm Length: 110.9mm |
| Weight       | 200g                                        |
| Cable lenght | 2m                                          |

## Environment

|                                     |                                                 |
|-------------------------------------|-------------------------------------------------|
| Maximal ambient light               | 4500lux                                         |
| Shock resistance                    | multiply drops from 1,5 m onto concrete surface |
| Storage temperature                 | -20 to 60°C                                     |
| Operating temperature               | 0 to 40°C                                       |
| Operating humidity (non-condensing) | 5 to 95%                                        |

## Others

|                |                                                                                   |
|----------------|-----------------------------------------------------------------------------------|
| Certifications | Laser Class: CDRH Class IIa, Laser Class 2 (IEC 60825-1), BSMI, CE, FCC DOC, VCCI |
|----------------|-----------------------------------------------------------------------------------|

**CODEWARE, s.r.o.**  
Jaromírova 484/37  
120 00 Praha 2 - Nusle  
IČ: 61061395, DIČ: CZ61061395

+420 222 562 444  
codeware@codeware.cz  
<https://www.codeware.cz/>

