I-EBS5110

INEX electronics

Data sheet

Barcode Scanner / model 5110

INEX's Barcode Scanner 5110 is a part of the Autonomous Series of products which may be used in kiosks, gaming machines, as well as outside gaming industry, and provide advanced functionality via USB. Barcode Scanner 5110 reads any barcode format, including US Driver's License barcode, and allows to enable or disable a certain code system from all the available systems on the fly with the use of provided software.

Features
- Supports all barcode standards
- Allows to dynamically enable and disable selected formats with the use of the provided software
- No external power supply needed (powered via USB)
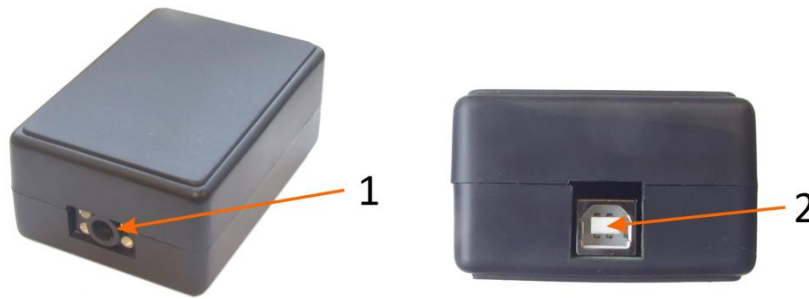- Works with Windows XP / Windows 7 / Windows 8, 32 / 64 bit

Windows Integration (PC interface)
- Driver provided
- Test / Demo application provided

Technical Specification

Power supply:	5V (USB)
Interface:	USB-B
Weight:	0.42 oz
Size:	3.15 x 1.57 x 0.98 in
Working temperature range:	14 F to 140 F
Working humidity range:	5% to 90%
Safety measures:	ESD protection: EN 55024 (IEC 61000-4-2, contact discharge: ±2kV, air discharge: ±8kV), IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-11
Supported standards:	**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 2of 5, Matrix 2 of 5, Codabar (NW7), Code 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, UCC/EAN 128, China Post, China Finance, GS1 DataBar (formerly RSS) variants **2D:** PDF417, MicroPDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code.

I–EBS5110 Design

1: Scanning head

2: USB-B used for plugging I-EBS5110 to the PC and for powering the device

I–EBS5110 Housing

The screws used in I-EBS5110 housing have different functions and removing them may have different effect. The scheme below shows different types of screws the function of which is as follows:

- the screw marked in RED holds the top of the housing and shall not be removed
- the screws marked in BLUE keep the PCB and the bottom of the housing together and it is advisable not to unscrew them
- the screws marked in GREEN keep the PCB and the bottom of the housing together; the scanner should normally be mounted in the desired place with the use of two holes, however, should such need occur, the screws marked in green may be temporarily removed and their holes may be used for better hold while mounting the scanner.

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