

## BS-411 POS Bar Code, 2D Code and QR Code Scanner, USB

Omni-directional presentation scanner. It offers high performance 2D CMOS Imager along with a well thought out ergonomic design, which allows the scanner being used in the hand or traditionally on a desk with its adjustable stand. The scanner takes very little space.

The scanner supports reading of the all common (1D) barcodes and 2D codes and it is a perfect tool when it comes to scanning mobile coupons (from mobile phones) and to high-speed scanning of fast moving (bar)codes. Automatic sensing and manual triggering are part of the standard operating modes.



The combination of an impressive design, ease of use and an excellent price-performance ratio make from the BS-411 an ideal solution for point-of sales (POS) check-out applications, reading barcodes from mobile phones in mobile marketing applications and document handling within banks and post offices.

### Key features of the barcode scanner Birch BS-411

- reading 1D and 2D codes
- can be powered from USB
- excellent price-performance ratio
- autosense scanning
- the possibility of tilt sensor



# Technical Description

## Functionality & Operation

Communication interface	USB, USB-HID, USB-VCP
1D Barcode Symbolologies	All standard one-dimension barcodes
2D Code Symbolologies	PDF417, MicroPDF417, Composite codes, MaxiCode, Data Matrix, QR code, Micro QR Code, Aztec , Postal Code, Data Matrix Inverse, QR Inverse, Aztec Inverse
Indicators	Beeper, LED

## Optical

Depth of scan field	0 - 250 mm
Resolution	4 mil (CODE 39), 7,5 mil (Data Matrix), 5 mil (PDF417)
Light source	Aiming pattern: single dot 625nm LED, Illumination: 630nm LEDs
Bar code scanner	2D Imager
Maximal pitch angle	45.5°

## Electrical

Power Source	5 VDC
Power Consumption - Operation	280mA

## Mechanical

Dimensions	Width: 75.91mm, Height: 142.7mm Length: 70mm
Weight	374g
Color	black

## Environment

Shock resistance	drop from 1,5 m onto concrete surface
Operating humidity (non-condensing)	5 to 95%
Storage temperature	-20 to 60°C
Operating temperature	0 to 40°C

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