

## 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                             |

## 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/>

