

Product Introduction



Barcode Scanner

different models for your options



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Birch is 25 years old company specialized in Auto-ID (Barcode, MSR) and POS products. We have a series of POS system (all-in-one and module types) to meet the different market segments.

Barcode scanner normally consists of Optical module and Decoder board. In order to meet the different market segments, Birch releases the different models for your choice.

Besides the finished-goods, Birch offers the Module types for your kind choice. It is compact-size design and easy for you to mount them onto your systems and dedicated systems.

< Light Pen >



LBP-205 series

- ❖ LBP-205TTL: Light pen with TTL outputs
- ❖ LBP-205: Light pen with external decoder: it is available for Din, Mini-Din, RS-232 and USB

< Handled Cable Scanners >

Contact type CCD



CD-100II (CCD)

PS2 or RS232 or USB

- ❖ Most cost attractive scanner for commercial market
- ❖ 60mm width, 65mm DoF
- ❖ USB supports HID and virtual COM



CD-108ell (CCD)

PS2 or RS232 or USB

- ❖ Standard handheld CCD scanner
- ❖ 80mm width, 50mm DoF
- ❖ USB supports HID and virtual COM

Gun type for General use



Holder: HDR-188

BZ-188II (Linear Imager)

USB

- ❖ New design to meet your limited budget
- ❖ Gun type design, supports 200mm DoF, 200 scans/sec
- ❖ Supports auto-sensor (auto-detect) functions

Gun type with professional decoder



BS-111B (2D/1D scanner)

RS232 or USB

- ❖ Scan the barcode symbolologies on the PC, Mac(PC) or Mobile phone
- ❖ PDF417, Datamatrix, Aztec, QR code, Maxicode, single/Combination 2D post codes
- ❖ Setting of keyboard style/layout/modifier/conversion
- ❖ Support Data Formatter settings
- ❖ USB(HID+Virtual) or RS232

Great Laser scanner with 32bit CPU and Visible Laser Diode



BS-115 (Visible Laser Diode)

RS232 or USB

- ❖ Enhanced technology
- ❖ Auto-sensor function built-in
- ❖ Powerful functions for your applications
- ❖ Easy operation and easy users settings

Gun type with Birch Signature		
 Holder: HDR-5P	BD-388III (Linear Imager)	PS2 or RS232 or USB
	❖ "Auto Sensor" supported for hand-free use ❖ USB supports HID and virtual COM ❖ 400mm DoF, 500 scans/sec ❖ Supports GS1 data bar symbologies	
	BS-915III (Laser)	PS2 or RS232 or USB
	❖ "Auto Sensor" supported for hand-free use ❖ 250mm DoF ❖ Supports RSS, GS1 data bar symbologies	
 Holder: HDR-Z00	BX-211II (2D)	RS232 or USB
	❖ Motorola engine built-in with "Auto Sensor" function ❖ Image Capture and Omni-directional scan pattern ❖ USB supports HID and virtual COM	
	BZ-H15(Handheld Laser)	PS2 or RS232 or USB
	❖ Streamline unique design for easy operation ❖ Built-in elegant optical module and Flash decoder ❖ 400mm DoF, 100 scan/second ❖ Supports auto-sensor (auto-detect) functions	

< Presentation Scanner >		
	BS-360 (Omni directional Laser)	PS2 or RS232 or USB
	❖ Compact and Modular design with removable stand ❖ 24 lines, 2000 scans/sec ❖ USB supports HID and virtual COM	
	BS-311 (2D)	RS232 or USB
	❖ Compact and Modular design with removable stand ❖ Motorola engine built-in ❖ Image Capture and Omni-directional scan pattern ❖ USB supports HID and virtual COM	
	BS-370E (Omni directional Laser)	PS2 or RS232 or USB
	❖ Large screen vertical design for desk-top ❖ 24 lines, 2400 scans/sec ❖ Built with AUX port to connect with handheld scanner ❖ Built with EAS function ❖ USB supports HID and virtual COM	
	BS-3801 (Counter Omni directional Laser)	RS232 or USB or Power USB (option)
	❖ 30 scan lines , 3000 scan/second ❖ Supports "Fly-by(moving/omni-directional)" and "presentation" scan ❖ Innovative optical module and high-end decoder ❖ IP42 sealing protection	
	BS-3802 (Counter 2D scanner)	RS232 or USB or powered USB (option)
	❖ 120 scan/second for 1D , 60 image for 2D ❖ Supports "Fly-by (moving/omni directional)" and "presentation" scan ❖ Built-in Motorola 2D engine ❖ IP42 sealing protection	

< Cordless Scanner >		
	BT-4915i (Bluetooth + Linear Imager)	USB dongle
	❖ Tiny, Pocket type design and Memory built-in ❖ Bluetooth Class 1, 100M range ❖ Supports iPhone/iPad and PC connection without dongle	
	BZ-R01 (RF 2.4Ghz + Linear Imager)	USB dongle
	❖ Gun type design, Memory built-in and advanced EZ-Pairing function ❖ RF 2.4Ghz, 100M range	
	BZ-R05 (RF 2.4Ghz + Laser)	USB dongle
	❖ Gun type design, Memory built-in and advanced EZ-Pairing function ❖ RF 2.4Ghz, 100M range ❖ Honeywell engine built-in	
	BZ-R11 (RF 2.4Ghz + 2D)	USB dongle
	❖ Gun type design, Memory built-in and advanced EZ-Pairing function ❖ RF 2.4Ghz, 100M range ❖ Image capture with Opticon engine built-in	
	WS-300A (Bluetooth + Linear imager)	
	❖ Compatible with iOS, Windows, Linux and Android ❖ 1" bright OLED display ❖ 8MB memory built-in , w/rechargeable battery ❖ Low battery alert by LED illuminating ❖ Real time (Bluetooth) or Batch (by memory) transmission ❖ Vibration function as standard	

< Fixed Mount Scanner >		
 Desk-top stand: HDR-499	FS-499 (1D)	USB or RS232
	❖ Compact design (46 x 28 x 70mm) with Auto Sensor ❖ Built with mounting hole to install easily ❖ 5-220mm DoF, 220 scans/sec ❖ Option for Good Read via TTL + signal external driven ❖ USB supports HID and virtual COM	
	FS-599 (2D)	USB or RS232
	❖ Compact design (46 x 28 x 70mm) with Auto Sensor ❖ Built with mounting hole to install easily ❖ 35-75mm DoF, 60 scans/sec ❖ Image capture with Intermec engine ❖ USB supports HID and virtual COM	
	FS-011B(1D/2D Fixed and compact)	USB or RS232
	❖ Compact size(49.2mm L x 37.5mm W x 25mm H) ❖ 640 pixels(H) x 480 pixels(V) ❖ Motion tolerances up to 25 inch(63,50cm) per second ❖ For most of 1D/2D barcode which includes PDF417 , Data Matrix , Maxicode , QR code...	

< Price Checker >



DS-715	Ethernet or WiFi or PoE
❖ Dedicated and Compact design with High bright LCD display ❖ Omni directional scanner built-in ❖ Command set and Source code provided	
DS-715II	Ethernet or WiFi or PoE
❖ Liner Imager 1D scanner built-in	