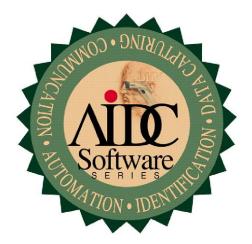


## BZ-R

**Double Easy Cordless Gun Type Scanners** 

RF 2.4Ghz Technology

The Great Cordless Scanners Everyone Can Use



## 1. Double Easy cordless barcode scanning

Birch releases the wireless/cordless barcode scanners as below based on RF 2.4Ghz technology. With the unique BZ-Pairing device, the data-Pairing job can be finished within few seconds after you press the scanner trigger.

1st Easy----- in wireless/cordless data-Pairing

2nd Easy-----Enjoy the data transmission through "Cordless" with the 100-meter distance

## 2. Available models:

BZ-R01: Cordless long range Linear imager CCD.

BZ-R05: Cordless Laser scanner (Honeywell laser engine).

BZ-R11: Cordless 2D/1D barcode scanner (Opticon 2D engine)

Option: 2-in-1 Holder (high stand hand-free design & low stand

desk-top design)



- Wireless via 2.4A Zigbee wireless
- [BZ-Pairing device]
   Licensed pair by one click
- With memory, that can save 500pcs EAN barcode unit.
- Long lasting operation for 60,000 scan per charge



**Easy Scan** 





## **Technical Specifications**

General	BZ-R01	BZ-R05	BZ-R11				
Interface			DE KII				
Barcodes supported	USB HID (option USB virtual COM)  1D: 1D: 1D:						
barcoues supported	UPC/UPC-E, EAN, Codabar, Code 39, Code 32, Code 93, Code 11, Code 128, Interleaved 2 of 5, Industrial 2 of 5, Matrix, MSI/Plessey, Telepen, GS1 DataBar	UPC/UPC-E, EAN, Codabar, Code 39, Code 32, Code 93, Code 11, Code 128, EAN-128, Interleaved 2 of 5, Industrial 2 of 5, Matrix, MSI/Plessey, Telepen, GS1 Databar	UPC/UPC-E, EAN, Codabar, Code 39, Code 32, Code 93, Code 11, Code 128, EAN-128, Interleaved 2 of 5, Industrial 2 of 5, Matrix, MSI/Plessey, Telepen, GS1 Databar, UK/Plessey 2D: Aztec Code, Data Matrix(ECC200/ECO-140), QR Code, Micro QR Code, MicroPDF417, PDF417 Maxi Code (mode2-5), Codablock F, Composite codes				
Communication			composite codes				
RF standard	2.4G						
Working Distance	100M (open environment)						
Optical							
Optical sensor	2500 pixels	CMOS area sensor, 752 × 480 pixels	CMOS area sensor, 752 × 480 pixels				
Light source	Red LED (660nm)	Laser Diode 650nm	Aiming green LED + Red illumination LED				
Resolution	3 mil	0.1mm / 4 mil	0.127mm / 5 mil				
Depth of Field	30mm~200mm (13mil)	80mm~120mm (4mil Code 39) 30mm~430mm (UPC 100%)	25~100mm (10mil Code 39) 40~75mm (8.4mil Data Matrix)				
Scan rate	270 scans/second	114 ± 10 scans/second	Up to 60 fps				
PCS	45 %	30%	45 %				
Electrical							
Voltage	+3.3V ± 5%	+3.3V ± 5%	+3.3V ± 5%				
Scanning currents	< 110 mA	< 130 mA	< 350 mA				
Standby currents	< 90 mA	< 70 maA	< 100 mA				
Sleep mode	0.3 mA	0.3 mA	0.3 mA				
Environment							
Operating temp	$0^{\circ}$ C to $40^{\circ}$ C ( $32^{\circ}$ F to $104^{\circ}$ F)						
Storage temp	-20°C to 60°C (-4°F to 140°F)						
Relative Humidity	10%~90%						
Shock resistance	1.5m drops						
Physical							
Weight	140g						
Dimensions	186mm(L) × 67mm(W) × 91mm(H)						
Housing Material	ABS plastic						
Battery							
Battery type	Lithium-ion 3.7V						
Battery Capacity	1200mAh good for 60,000 scan per charge	1200mAh good for 50,000 scan per charge	1200mAh good for 40,000 scan per charge				
Charge	By USB power retrieving cable						
Time of charge	About 4 hours						
Option	Desk-top stand and holder (HDR-Z000)						



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Contact us for details		