



BZ-R series

BZ-R Series

Cordless & Wireless

100M Distance

Double Easy Enjoy the Wireless Data Transmission



EZ pair

Easy Scan



2 in 1 Holder

Ordering Information:

BZ-R01BU: Cordless long range CCD, Black, USB dongle

BZ-R05BU: Cordless laser scanner (Honeywell engine), Black, w/USB dongle

BZ-R11BU: Cordless 2D scanner (Opticon engine), Black, w/USB dongle

Comfort and Easy Design

Thanks to the ingenious mechanism chassis design, which enable the user easily enjoy a better Data collection and Data transmission quality than ever before. The BZ-R series offer you the good choices of Linear Imager CCD, Laser (Honeywell engine built-in) and 2D scanner (Opticon engine built-in) to assure the high performance scan performance.

An advanced EZ-Pairing design

The unique design of Data-pairing (called as EZ-Pairing) on BZ-R series help you to have the data –pairing done just in few seconds (about 5 seconds) just by pressing the trigger. There is no need to have boring and complicated steps to do.

RF 2.4Ghz wireless technology

The fast data transfer with RF 2.4Ghz technology make the data transmission real time to your system, it is very comfortable to use. The data transmission distance of RF technology on BZ-R series is 100 meters (on the open space).

2-in-1 holder for desk top and hand free uses

The newly developed 2-in-1 holder supports your applications either on desktop or hand-free high stand operation.

Moreover, the holder is based on the modular design, then it can be with very light and small packaging to save your transportation cost.



Technical Specifications

General	BZ-R01	BZ-R05	BZ-R11
Interface	USB HID (option USB virtual COM)		
Barcodes supported	1D: 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	1D: 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	1D: 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			
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°C to 40°C (32°F to 104°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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