







 Imaging	 32 Bit	 Screen
 1D	 Large Storage	 Fast Scan
 RF433	 Large Capacity	 System



BC-F3

1D COMS Wireless RF433 Handheld Barcode Scanner

Features

- 433M wireless technology
- The appearance of smooth, comfortable nature
- The exquisite design, good applicability
- Suitable for supermarkets, shopping malls and logistics

Highlights

Reads Bar Codes on Various Media

Not only read codes on printed paper, it could also read codes on mobile phones and computer displays, with this scanner, you will be ready for the coming mobile barcodes revolution.

Using RF433 wireless transmission technology

Long distance wireless transmission: BC-F3 barcode scanner is able to reach 80 meters wireless transmission in an open area, has big memory of 100,000pcs 13 bytes barcodes, and real time mode, inventory mode, and cache mode to meet the needs of different applications. BC-F3, with 433MHz base (For charging and transferring data) , 2000mAh lithium battery, supports 12 hours continuous normal manual trigger working.

Network Mode Available

One to one, More to one. Multiple scanners can transmit data to the one wireless receiver - ideal in a warehouse where several people are scanning at once.

Superior decoding performance

High resolution: 648x488 pixels fast and accurate. Low decoding error rate can help to improve your working efficiency.

Perfect process design and ultimate experience

Black Copper BC-F3 uses imported ABS material, high quality rubber is a good buffer against impact. Nice design makes it different and popular. It applies to cashier for mobile payment and Logistics & Express.

Long life span

Shockproof and Anti-broken

Black Copper BC-F3 barcode scanner, after 1.2 drop onto concrete surface floor, still works well.

Famous brand C&k button

Black Copper barcode scanner uses world famous brand C&k trigger button, even after 1500,000 times trigger, it still works normally.

Specification

PHYSICAL CHARACTERISTICS

Communications	RF433		
Communication frequency	433-440MHz		
Transmission range	≤50M （In empty area 50M ）		
Data rate	10Kbps		
Memory	100,000@13Byte barcode		
Battery capacity	2000mAh (Lithium battery)		
Dimensions	Scanner ： 90mm*67mm*168mm(L*W*H)		
	Base ： 145mm*112mm*74mm(L*W*H)		
Receiver	Scanner:185g Receiver:186g		
	6H		
Charging time	The working time of the full charge	6h （continuous reading situation）	
	12h (Manual reading situation)	More than 15 days （Stand-by time）	
Operation mode	Read-time mode/ Inventory mode/Cache mode		

ENVIRONMENTAL

Ambient Light	Fluorescent light 4000 lx max , direct sun light 80,000 lx max, white light 4000 lx max		
Operating Temperature	0°C to 40°C / 32°F to 104°F		
Storage Temperature	-40° to 70°C / -40° to 158°F		
Humidity	5%-90%		
Shock Drop Test	1.5m drop onto concrete surface		

ELECTRICAL

Interface	RS-232/USB HID KEYBOARD/USB VCP
Voltage Requirement	5VDC±10%
Current Consumption	Max:280mA

OPTICAL CHARACTERISTICS

Photo Sensor	CMOS array sensor
Sensor Resolution	752X480 pixels
Light Source	White LED*1
Aim light source	Red Bar LED

SCANNING PERFORMANCE

Scan Rate	350+50(scans/second)		
Decode Angle	Pitch angle: ±65°	Skew angle: ±60°	Tilt angle: ±180°
Print Contrast	>25%UPC/EAN 13 (13mil)		
Min.Resolution	1D:5mil(0.127mm)		
Language	Multiple languages		
Field of View	39° (H) x 25° (V)		

SUPPORTED BARCODE SYMBOLOGIES

1D: UPC/EAN, UPC/EAN with supplementals, Bookland EAN, ISSN, UCC Coupon Extended Code, Code 128, GS1-128, ISBT 128, Code 39, Code 39 Full ASCII, Trioptic Code 39, Code 32, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI, Chinese 2 of 5, GS1 DataBar variants, Korean 3 of 5, ISBT Concat