

# BC-F2

## 1D CCD wireless barcode scanner



### ♦ Consistent, fast and accurate

Black Copper BC-F2 CCD barcode scanner can fast and accurately read dirty barcode, damaged barcode plicated barcode, applies to different applications

### ♦ Support barcodes on various materials

Black Copper CCD barcode scanner ( Linear Image scanner), not only can read the 1D barcodes on printed paper, but 1D barcodes on mobile phone and computer displays, silver paper with reflective material, and barcode surface with water and ice.

### ♦ Using RF433 wireless transmission technology

Long distance wireless transmission: Black Copper BC-F2 barcode scanner is able to reach 30 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.

### ♦ Superior decoding performance

Black Copper BC-F2 barcode scanner can reach 350+50 scans per second, fast and accurate, can help to improve your working efficiency

### ♦ Perfect process design and ultimate experience

Black Copper BC-F2 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**

it can use normally drop from 1.2 meter to the cement floor.

#### **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
Working range	≤40M (In empty area 100M )
Data rate	10Kbps
Memory	100,000@13Byte barcode
Battery capacity	1500mAh (Lithium battery)
Dimensions	97mm×67mm×165mm (L x W x H)
Weight	172.3g (6.08oz)

### ENVIRONMENTAL

Operating Temperature	-20°C to 65°C / -4°F to 149°F
Storage Temperature	-30° to 70°C /-22° to 158°F(storage)
Humidity	5%-90%
Shock Drop Test	1.5m drop onto concrete surface

### ELECTRICAL

Interface	USB HID KEYBOARD/USB VCP
Voltage Requirement	5VDC±10%
Current Consumption	Max:138mA

### OPTICAL CHARACTERISTICS

Photo Sensor	CCD linear sensor
Sensor Resolution	2500 pix
Light Source	632nm Red LED

### SCANNING PERFORMANCE

Scan Rate	350+50(scans/second)
Decode Angle	Pitch angle: ±30°
Skew angle: ±70°	Tilt angle: ±45°