



# CT90

## Bluetooth 2D Barcode Scanner

Windows,  
Android, iOS

Bluetooth  
connection  
without  
password

Patented  
technology  
and high  
accurate  
resolution

Mobility  
Payment



### Wider Application

Support multiple 1D/2D barcode scanning, support secondary development, widely used in all kinds of industries, such as e-commerce payment, logistics, warehousing, inventory, retail, medical, tobacco, manufacturing, and so on.



### New Retail Weapon, Make Business Easier

Support screen scanning, 1D and 2D barcode reading at top speed  
High decoding rate and accuracy.

### Bluetooth Direct Connection without Password

Fully support the high-speed decoding of the three major operating systems of Windows +Android+ iOS, wireless transmission distance reach 30m.

### Rugged and Durable

Double color injection molding process, ABS + TPU thick material, it has superior anti-quake capability.  
Can withstand multiple drops to concrete from 1.2 meters, Mechanical button life up to 10 million times, durable and reliable.

### Support Auto-scanning

Auto scanning, convenient and efficient.  
Can be used with the product stand, save effort.

### Safe and Low Consumption

Ultra-low-consumption technology for wireless transmission, safety, environmental protection.

### Multiple Patent Certified

The product has passed: FCC, CE, RoHS , for different markets.

### More excellent experience

1. CILICO specialized "Light Speed" wireless technology, easy connection, more stable transmission.
2. Support the US, UK, Germany, Italy, France, Spain and other multi-language keyboard layout input.
3. Chinese/Japanese characters in QR code can be directly transmitted to PC.
4. Large storage, can store more than 5 thousand 50-digit 2D barcode information.



# CT90 Technical Parameters

## Performance Characteristic

Connection Mode	Bluetooth 3.0
Scan Mode	CMOS
Light Source	(Aiming Light) 630nm LED, (Lighting) White LED
Decode Capacity	1D Barcode UPC,EAN,Code 128/EAN128,Code 39,Code 93,Code 11,Matrix 2 of 5,Interleaved 2 of 5,Standard 2 of 5, Codabar, MSI Code,Canada Post,Australian Post,Dutch Post,Japan Post,EAN.UCC Composite,Telepen, etc. 2D Barcode Aztec, QR code, Data Matrix, PDF417, Micro PDF417, Maxi Code, TLC 39, etc
Bluetooth Range	30m (visual range)
Support Interface	USB2.0
Communication Transmission	Bluetooth HID, Bluetooth SPP
Scan Mode	Auto/Manual
Maximum Decoding Speed	25 cm/second
Field of View	45° (H) x 35° (V)
Resolution	4mil
Range of Scan Distance	4~30cm
Print Contrast Ratio	25% minimum reflective difference
Support System	Windows/Mac OS / Android / iOS
Roll / Pitch / Yaw	Roll360°/Pitch±65°/Yaw±60°
Screen scan capability	Can scan LCD screen
Cylindrical Lateral Scan	Diameter 35mm

## Physical Parameters

Dimension	160*69*92mm
Color	Light gray
Weight	164g

## Electrical Parameter

Voltage	DC 5V
Power Supply	Built-in rechargeable lithium-ion battery
Battery capacity	1800mAh
Working Current	400mA

## Environmental Parameter

Working Temperature	0 °C - 50 °C
Storage Temperature	-20 °C - 60 °C
Humidity	0% - 95% (non-condensing)
Ambient Light	0 – 100,000 lux
Anti-vibration Capability	Free fall 1.2m

## Certification

International Certification	CE&FCC& RoHS
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## Accessories

Accessories	Data Line, Inventory Card, Quick User Guide, Qualified Certificate, Power Adapter (Optional)
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