

1D



# PT1-BG

## Portable 1D Wireless CCD Scanner

### • Powerful Endurance Ability

1200mAh rechargeable polymer lithium battery, make device could continuously work (1 scanning/s) for more than 16 hours with the fully charged. Take durable 4pin Pogopin Magnetic Charging Port.

### • Two Wireless Modes Switching

2.4GHz wireless technology and Bluetooth connection, take BT connection if the connected device without USB interface, such as smart phone, ipad, PDA, POS, etc.

### • Convenient and Comfortable Operation

Portable and ergonomics design, users could put it in pocket, improving work efficiency and also convenient for long hours of usage.

### • Ultra-long Distance Transmission

2.4GHz (150 meters) and Bluetooth (30 meters) long distance data transmission, supports automatic frequency modulation and inventory mode.

### • Professional Scanning Module

High performance and superior resolution scanning module, easily decode one-dimension barcode, including low printed contrast rate, high density and damaged barcode.

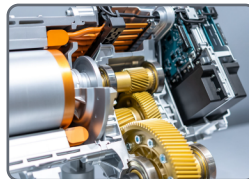
#### Healthcare



#### Logistics



#### Manufacturing



#### Retailing



PT1-BG adopts professional CCD scan engine in combination with 2.4GHz and Bluetooth wireless data communication technology, supporting stable and reliable long distance of data communication. It has flash memory to save information when device disconnect with other terminal device or it out of data transmission range. It is suitable for Retail, logistics, manufacturing, healthcare industry, warehouse, etc.

## TECHNICAL SPECIFICATIONS

### Performance Parameters

Image sensor	Linear 1D CCD image
Light source	632nm visible red light
Decode speed	300 times/s
Resolution	1600 pixels
CPU	ARM 32 bit
Decode capability	UPC/EAN, UPC/EAN with supplements, ISBN/ISSN, Code 128, Code 39, Code 39 (Full ASCII), code 32, Interleaved 2 of 5, Matrix 2 of 5, Codabar, MSI/Plessey, Chinese 2 of 5, China Postal Code, GS1 DataBar, etc.
Scan Angle	±50°, ±65°, ±55°(Roll, Skew, Pitch)
Scan precision	≥4mil
Print contrast	20%
Depth of field	20-500mm
Prompt mode	Buzzer, LED indicator light
Trigger mode	Manual, Continuous automatic scan
Memory	350KB(Store over 20,000 barcode data)
Battery	1200mAh (charging time is 3.5h)
Current and voltage	45mA (standby), 85mA (working), 5 VDC ±10%
Work frequency	2.4GHz
Data communication distance	150m (2.4GHz), 30m (Bluetooth) (open area)

### Physical Parameters

Over dimension	L X W X H (130.9x45.4x33.3mm)
Weight	88g (include battery and exclude wire)
Charging cable length	1.0m
Material	ABS+PC environmentally friendly materials

### Environmental Parameters

Working temperature	-20°C to 50°C
Storage temperature	-40°C to 60°C
Anti-drop	Withstand drop from 1.8m to concrete floor
Humidity	5% to 95% RH
IP grade	IP54
Circumstance luminance	0-100,000Lux