



● NT-1228BC 1D 2.4G+Bluetooth Scanner

1	Scanning Performance	
1.1	Light Source:	Visible red light, wavelength 632nm (dual light source)
1.1.2	Optical System:	Linear CCD Sensor
1.1.3	Processor:	ARM32-bit
1.1.4	Resolution:	2500
1.1.5	Minimum Resolution (Decode Capability):	$\geq 3\text{mil}/0.127\text{mm}@PCS90\%$
1.1.6	Decoding Speed:	Up to 300 scans per second
1.1.7	Scanning Modes:	Trigger scan, Always-on scan, Auto-sensing, Command-controlled scan
1.1.8	Reading Angles:	Test Conditions: CODE39, 10mil/0.25mm, PCS90% Pitch: $\pm 60^\circ$ Roll: $\pm 30^\circ$ Skew: $\pm 60^\circ$
1.1.9	Print Contrast:	$\geq 25\%$
1.2	Supported Barcode Symbologies	EAN-8, EAN-13, Codabar, CODE11, CODE 39, CODE 93, CODE128, China Post, GS1-128, GS1 Limited, GS1 Omnidirectional, UPC-A, UPC-E, ISBN/ISSN, ISBT, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, MSI, Plessey, ITF14.
1.2.1	Depth of Field (DOF):	Code 39 8bytes (5mil) 45mm~180mm Code 39 10bytes (20mil) 110mm~550mm Code 39 5bytes (40mil) 135mm~700mm UPC/EAN 13 12bytes (13.0mil) 40mm~400mm
2	Wireless Parameters	
2.1	Transmission Modes:	2.4G wireless + Bluetooth (Supports Bluetooth 2.0, 3.0, 4.0, 4.2) + Wired
2.2	2.4G:	Up to 100 meters (line of sight)
	Bluetooth:	Up to 20 meters (line of sight)
2.3	Battery Capacity:	2000mAh
2.4	Charging Time:	4~5 hours

2.5	Standby Mode:	Enters standby after 3 minutes of inactivity
2.6	Charging Input:	5V 2A
3	Electrical Specifications	
3.1	Operating Voltage:	DC 5V±5%
3.2	Working Current:	200mA
3.3	Standby Current:	0.6μA
4	Physical Characteristics	
4.1	Dimensions (L × W × H):	170 × 75 × 90 mm
4.2	Weight:	≈186g
4.3	Color:	Black
4.4	Cable Length:	1.2m
4.5	Material:	ABS+TPU
4.6	Indicator Modes:	Buzzer, LED Indicator
4.7	Interface Support:	USB
5	Environmental Conditions	
5.1	Operating Temperature:	-20°C to 50°C
5.2	Storage Temperature:	-40°C to 70°C
5.3	Relative Humidity:	5% to 95% (non-condensing)
5.4	Ambient Light Immunity:	100,000Lux Max
5.5	High & Low Temperature Test:	30 minutes at high temperature: 60°C 30 minutes at low temperature: -20°C
5.6	Transportation Vibration Test:	10H@125RPM
6	Safety & Compliance	
6.1	Drop Resistance	2-meter free fall
6.2	Certifications:	CE, ROHS, FCC, etc.

*Test Conditions: Ambient Temperature = 25°C; Ambient Light = 150 lux (incandescent lamp); Test barcodes provided by our company.