NT-1228BL Bluetooth 2D Handheld Barcode Scanner



PRODUCT OVERVIEW

Model	NT-1228BL
Product Type	Barcode Scanner

Scanning Performance

Decode Capabilities	1D/2D
Scan Engine	CMOS
Image Sensor	CMOS
Sensor Resolution	CMOS 640×480
Illumination	White LED Red LED 0~100000 lux
Aiming System	Red LED
Minimum Element Resolution	1D≥4 mil 2D≥6 mil
Minimum Print Contrast	≥25%
Angular Tolerance	Roll 360°, Pitch ± 55°, Skew ± 55° 52° H:42.7° V:32.4
Depth of Field	EAN-13 45 mm-150 mm (13 mil) Code39 40 mm-70 mm (5 mil 10 bytes) QR Code 30 mm-240 mm (20 mil 16 bytes) Data Matrix 55 mm-85 mm (10 mil 20 bytes) PDF 417 30 mm-130 mm (6.67 mil 7 bytes)
Supported Symbologies	2D QR Code, Data Matrix, PDF417, Aztec 1D EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, MSI-Plessey, GS1 DataBar, GS1 Composite Code, Code 11, Industrial 25, Standard 25, Plessey, Matrix 2 of 5
Trigger Modes	Manual trigger, Continuous mode, Presentation mode

Connectivity & Wireless

Connectivity	Wired, Wireless, 2.4 GHz, Bluetooth 2.4 GHz wireless+Bluetooth (supported versions 2.0, 3.0, 4.0, 4.2) +Wired connection
Host Interfaces	USB
Wireless Range	2.4 GHz: 100 m Bluetooth: 20 m
Onboard Memory	64kb~2M

Power

Battery Capacity	2600 mAh

Power	
Operating Time	3 minutes to enter standby
Standby Time	3 minutes to enter standby
Charge Time	4-5 hours 5V 2A
Operating Voltage	DC 5V±5% 170 mA 0.6μA

Physical Specifications	
Dimensions	L × W × H (mm): 170 × 75 × 90 mm
Weight	Approx. 186 g
Enclosure Material	ABS+TPU
Color Options	Black
Cable Length	1.2 m
Stand Included	No
User Feedback	Buzzer, LED indicator

Environmental & Compliance	
Drop Resistance	2 m free-fall drop
Operating Temperature	-10°C-50°C
Storage Temperature	-20°C-70°C
Relative Humidity	5%-95% (non-condensing)
Ambient Light Immunity	0~100000 lux
Certifications	CE, RoHS, FCC