

Z3S Pocket Portable Barcode Scanner



PRODUCT OVERVIEW

Model	Z3S
Product Type	Barcode Scanner

Scanning Performance

Decode Capabilities	1D
Scan Engine	CCD
Image Sensor	Linear CCD Sensor
Illumination	Visible red light, wavelength632nm
Acquisition Rate	Maximumup to200 scans/s
Minimum Element Resolution	≥5 mil/0.127 mm@PCS90%
Angular Tolerance	Test Conditions: CODE39,10 mil/0.25 mm,PCS90% Pitch:±60°Roll: ±30°Skew: ±60°
Depth of Field	Code 39 8 bytes (5 mil) 70 mm~180 mm Code 39 10 bytes (20 mil) 120 mm~300 mm Code 39 5 bytes (40 mil) 160 mm~450 mm UPC/EAN 13 12 bytes (13.0 mil) 45 mm~270 mm
Supported 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.
Trigger Modes	Manual trigger, Continuous illumination mode, Presentation mode, Host-command trigger
Processor	ARM32-bit

Connectivity & Wireless

Connectivity	Wired, 2.4 GHz wireless, Bluetooth
Host Interfaces	USB
Wireless Range	2.4 GHz: up to 65 m Bluetooth: up to 20 m
Onboard Memory	64kb~2M

Power

Battery Capacity	1200 mAh
Operating Time	3 minutes to enter standby
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Power	
Charge Time	3-4 hours 5V 2A
Operating Voltage	DC 5V±5% 130 mA 0.6µA

Physical Specifications	
Dimensions	L × W × H (mm): 130 × 45 × 25 (mm)
Weight	Approx. 72 g
Enclosure Material	ABS
Color Options	White
Cable Length	1.2 m
Stand Included	No
User Feedback	Buzzer, LED indicator, Vibration, display

Environmental & Compliance	
Drop Resistance	1 m free-fall drop
Operating Temperature	-20°C to 50°C
Storage Temperature	-40°C to 70°C
Relative Humidity	5% to 95% (non-condensing)
Ambient Light Immunity	100,000 lux Max
Certifications	CE, RoHS, FCC