



PRODUCT OVERVIEW

Model	DS5000
Product Type	Barcode Scanner

Scanning Performance	
Decode Capabilities	1D
Scan Engine	CCD
Image Sensor	Linear CCD Sensor
Sensor Resolution	Linear CCD Sensor 2500point
Illumination	Visible red light, wavelength632nm (dual-beam)
Acquisition Rate	Maximumup to300 scans/s
Minimum Element Resolution	≥3 mil/0.127 mm@PCS90%
Minimum Print Contrast	≥25%
Angular Tolerance	Test Conditions: CODE39,10 mil/0.25 mm,PCS90% Pitch Pitch: ±60°, Skew Skew: ±60°
Depth of Field	Code 39 8 bytes (5 mil) 45 mm~180 mm Code 39 10 bytes (20 mil) 110 mm~550 mm Code 39 5 bytes (40 mil) 135 mm~700 mm UPC/EAN 13 12 bytes (13.0 mil) 40 mm~400 mm
Supported Symbolologies	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	Wireless, 2.4 GHz, Bluetooth 2.4 GHz wireless+Bluetooth (supported versions 2.0, 3.0, 4.0, 4.2)
Host Interfaces	USB
Wireless Range	2.4 GHz: 100 m Bluetooth: 20 m
Onboard Memory	64kb~2M

Power	
Battery Capacity	2000 mAh
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% 200 mA 0.6µA

Physical Specifications	
Dimensions	Scanner: 190 × 62 × 80 mm Cradle: 111 × 75 × 40 mm
Weight	Approx. 334 g
Enclosure Material	ABS+PC
Color Options	White, Black
Cable Length	1.2 m
Stand Included	Yes
User Feedback	Buzzer, LED indicator,Vibration

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