

DS2800 Wireless 2D Handheld Barcode Scanner



PRODUCT OVERVIEW

Model	DS2800
Product Type	Barcode Scanner

Scanning Performance	
Decode Capabilities	1D/2D
Scan Engine	CMOS
Image Sensor	CMOS
Sensor Resolution	CMOS 640×480,global exposure,light
Illumination	Aiming: Red LED aimer White LED illumination 60000 lx
Minimum Element Resolution	1D ≥4 mil
Minimum Print Contrast	≥20%
Angular Tolerance	48° H:40° V:30°
Depth of Field	EAN-13 50 mm-220 mm (13 mil) Code39 40 mm-100 mm (5 mil 10 bytes) QR Code 25 mm-240 mm (20 mil 16 bytes) Data Matrix 50 mm-100 mm (10 mil 20 bytes) PDF 417 30 mm-140 mm (6.67 mil 7 bytes)
Supported Symbolologies	2D QR Code, Data Matrix, PDF417,Aztec, MaxiCode, Han Xin Code
Trigger Modes	Area-imaging Manual trigger Continuous mode Presentation mode Other configurable trigger modes

Connectivity & Wireless	
Connectivity	Wireless, Bluetooth, Wi-Fi Bluetooth transmission
Host Interfaces	USB USB(B)/USB(A)
Wireless Range	Bluetooth: Up to 10 m
Onboard Memory	64kb~2M

Power	
Battery Capacity	2000 mAh
Charge Time	5-7 hours
Operating Voltage	DC5.0V±5% 125 mA

Physical Specifications	
Dimensions	Scanner: 190 × 62 × 80 mm Cradle: 111 × 75 × 40 mm
Weight	Approx. 334 g
Color Options	White+Black
Cable Length	1.2 m
Stand Included	Yes
User Feedback	1, Buzzer 2, LED indicator 3, Vibration

Environmental & Compliance	
Drop Resistance	1 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	60000 lx
Certifications	CE, FCC, ROHSapprovals