



PRODUCT OVERVIEW

Model	RD1900
Product Type	Barcode Scanner

Scanning Performance	
Decode Capabilities	1D/2D
Scan Engine	CMOS
Image Sensor	Global shutter
Sensor Resolution	Global shutter 1280×800
Illumination	White LED + 650 nm RedLaserCrosshair aimer
Aiming System	White LED + 650 nm RedLaserCrosshair aimer
Acquisition Rate	60 frames/s
Minimum Element Resolution	1D≥3 mil, 2D≥5 mil
Field of View	Horizontal 44°, Vertical 28.5°
Angular Tolerance	Horizontal 44°, Vertical 28.5° Pitch 360°, Pitch ±55°, Pitch ±70°

Connectivity & Wireless	
Connectivity	Wireless, 2.4 GHz, Bluetooth 2.4 GHz + Bluetooth
Wireless Range	2.4 GHz: up to 300 m Bluetooth: up to 10 m
Onboard Memory	64kb~2M

Power	
Battery Capacity	2600 mAh
Charge Time	4-6 hours
Operating Voltage	5V±5% Maximum 330 mA

Physical Specifications	
Stand Included	Yes

Environmental & Compliance	
Operating Temperature	-30°C ~ 60°C
Storage Temperature	-40°C ~ 70°C
Relative Humidity	95%RH (non-condensing)