



Optical & Performance

Receiving Device	Laser engine
Light Source	Visible Laser Diode 650 nm
Max. Resolution	4mil (0.1mm)
Scan Rate	104 scans/second
Scan Angle	47°± 3° (typical), 35°± 3° (narrow)
Printing Contrast Scale	20% Minimum
Reading Distance (DOF PCS=80%)	

Label / DOF	near	far
Code 39, 4mil	2.5cm	13.9cm
Code 39, 5mil	3.18cm	20.32cm
Code 39, 7.5mil	3.81cm	33.02cm
Code 39, 10mil	3.81cm	45.72cm
Code 39, 13mil	3.81cm	60.96cm
Code 39, 15mil	3.81cm	71.12cm
Code 39, 20mil	4.45	83.82cm
Code 39, 40mil	*	91.44cm
Code 39, 55mil	*	114.3cm

* =dependent on width of bar code

Functionality

Operation Mode	Trigger Mode, Flash Mode, Continuous Mode, Buffer mode
Symbologies	Code 39, Full ASCII Code39, Interleave 2 of 5, Standard 2 of 5, China Postal, UPC, Delta Code, MSI, Plessey, Codabar, Code 11, EAN8/13, Code 93, Code 128, EAN128, Code32, Italian Pharmacy, Label Code, GS1 databar code
Data Formatting	Prefix, Suffix, Code ID, Reformatting Date

Electrical

Operation Voltage	DC 3V~5V
Current Consumption	Operation mode:<170mA; Standby mode:<30mA
Battery Type	Lithium-ion
Battery Capacity	1620mAh charged via the cradle
Battery Charging time	Fully charged in 4.5 hours
Operating Time	Over 10 hours

Mechanical

Scanner Dimension	H176*W74*L89mm
Scanner Weight	206g

Environmental

ESD Protection	Functional after 8K Contact and 12K Air
Mechanical Shock	1.8M onto concrete
IP rate	IP42
Operating Temperature	0°C to 50°C
Storage Temperature	-30°C to 70°C
Relative Humidity	5% to 90% non-condensing

Communication

Radio Frequency	Unlicensed 2.4GHz,
Range	10M (line of sight)
Host Interface supported	USB

Regulation Approvals

CE,FCC,BSMI,VCCI

Accessories

Cradle
Battery pack
Power adapter
Interface cable
Dongle (USB)



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