



CipherLab 2504 Precise Performance Built with Durable Toughness

Category

2D Imager, Corded

Optical sensor

CMOS Image Sensor

1280x800 pixels

Light source

Warm White LEDs (2x)

Resolution

3 mil- 1D barcode / 5 mil - 2D barcode

Depth of field

Code 39 3 mil : 4 to 10 cm / 1.6 to 3.9 in

Code 39 5 mil : 3.5 to 17 cm / 1.4 to 6.7 in

UPCA 13 mil : 4 to 28 cm / 1.6 to 11 in

PDF417 5 mil : 3.5 to 10.5 cm / 1.4 to 4.1 in

QR Code 10 mil : 10 mil : 1.5 to 16.5 cm / 0.6 to 6.5 in

Scanning angle

Pitch $\pm 70^\circ$, Skew $\pm 60^\circ$

Minimum PCS

25%

Scan Rate

60 scans/second

Ambient illumination

100,000 lux

Hands-free scanning

Auto-sense and presentation modes

Barcodes support

1D: All of the barcodes that 2500 series 1D scanners can support

2D: PDF417, MicroPDF417, Data Matrix, QR code, Micro QR Code, Aztec, MaxiCode, Han Xin Code

Programmable features

Data editing, interface selection, symbology configuration

Language support

US and UK English

Dimension L x W x H

16.1 x 6.6 x 9.6 cm / 6.3 x 2.6 x 3.8 in.

Weight (without cable/with battery)

145 g / 4.9 oz.

Switch

Tactile Switch

Voltage

3.7 V 800mAh Li-ion battery

Power consumption

55 mA / 400 mA

Temperature

Operating: 0 °C to 50°C / 32°F to 122°F

Storage: -40°C to 70°C / -40°F to 158°F (w/o battery)

Humidity

Operating: 10% to 90% Storage: 5% to 95%

Impact resistance

1.8 m multiple drops onto concrete, 1000 (1m tumbles)

Ingress protection

IP65

Electrostatic discharge

± 10 kV contact ± 20 kV air

Regulatory compliance

FCC, IC,CE,RCM, BSMI, KC REACH, WEEE, ErP, Eurpoe RoHS, Taiwan RoHS, China RoHS

Accessories

RS232 cable

Stand

Power Supply