CIPHER LAB

2504 Rugged 2D & QR Code Reader, black, RS232

Rugged, durable barcode and 2D code scanner from CipherLab. That's the 2500 scanner.

Rugged, durable CipherLab 2500 1D or 2D barcode reader with up to 578 scans per second (2500 model) and industry-proof IP54 is able to read even legible or corrupted codes from the distance up to 4 meters (2504-MR model).

Key Features of the CipherLab 2500 Series

:

- Reading 1D or 2D barcode
- s Ability to read even badly or corrupted barcod
- es Industrial enclosure I
- P54 Read speed up to 578 scans per second when reading 1D c
- odes Communication interface according to the type of r
- eader IPhone / iPad keyboard s
- upport White-yellow illumination - very fast reading o

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codes Cipherlab awards the user with a free worldwide accesible setup tool as an addition to the standard way of setting up

Technical Description

Functionality & Operation

2D Code Symbologies	all standard 2D-Codes, QR code
Communication interface	RS232
1D Barcode Symbologies	All standard one-dimension barcodes

Optical

Depth of scan field	1.5 cm ~ 28 cm
Maximal skew angle	60°
Maximal pitch angle	70°
Resolution	5 mil
Resolution	1280 x 800 px
Scanning rate	60 scan/sec
Light source	warm white LEDs 2x
Bar code scanner	2D Imager
Minimal PCS value	25%

Electrical

Power Consumption - Standby	55mA
Power Consumption - Operation	400mA

Mechanical

Weight	145g
Dimensions	Width: 161mm, Height: 66mm Length: 95mm

Environment

Maximal ambient light	100000lux
Ingress protection	IP65
Operating temperature	0 to 50°C
Storage temperature	-40 to 70°C
Operating humidity (non-condensing)	10 to 90%
Storage humidity (non-condensing)	5 to 95%
Electrical static discharge	±20kV air, ±10kV contact
Shock resistance	drop from 1,8 m on to concrete surface