



CipherLab 2504 Rugged 2D & QR Code Reader, long read distance, USB

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
- Ability to read even badly or corrupted barcode
- Industrial enclosure
- Read speed up to 578 scans per second when reading 1D code
- Communication interface according to the type of reader
- iPhone / iPad keyboard support
- Support White-yellow illumination - very fast reading

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CipherLab awards the user with a free worldwide accessible setup tool as an addition to the standard way of setting up



Technical Description

Functionality & Operation	
Communication interface	USB, USB-HID, USB-VCP
1D Barcode Symbologies	All standard one-dimension barcodes
2D Code Symbologies	all standard 2D-Codes, QR code
Optical	
Light source	warm white LEDs 2x
Depth of scan field	8-425 cm
Scanning rate	60scan/s
Resolution	1280 x 960 px, 5 mil
Maximal skew angle	60°
Maximal pitch angle	60°
Bar code scanner	2D Imager
Minimal PCS value	25%
Electrical	
Power Consumption - Standby	16mA
Power Consumption - Operation	270mA
Mechanical	
Dimensions	Width: 161mm, Height: 66mm, Length: 95mm
Weight	166g
Environment	
Operating temperature	0 to 50°C
Storage temperature	-40 to 70°C
Maximal ambient light	100000lux
Shock resistance	drop from 1,8 m on to concrete surface
Storage humidity (non-condensing)	5 to 95%
Operating humidity (non-condensing)	10 to 90%
Electrical static discharge	±20kV air, ±10kV contact
Ingress protection	IP65
Others	

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