2564 Rugged Wireless 2D & QR-code scanner with tether plate + Cradle + RS232 Cable, Bluetooth

With raising demands for advanced scanning abilities in many industries, such as retail, warehousing and light industry, CipherLab has attentively designed the durable 2500 series handheld scanner to suit various applications in harsh environments. CipherLab 2500 series is able to deliver superior scanning abilities to speed up the efficiency of data collection. Along with business-rugged durability, its high performance is well protected so users can enjoy fast workflow without any worries. Moreover, the 2500 series is also equipped with additional user friendly features to create a productive experience for its users. Wireless barcode scanner allows you to scan a barcode and transfer data up to a distance of 100 m from the base.

The CipherLab 2500 series business-rugged handheld scanner takes performance up a notch with a 578 scan rate for fast operations. Along with the ability to read high-density 1D and 2D barcodes and low contrast barcodes as low as 15%, the CipherLab 2500 series eases its aiming for scanning excellence on tiny objects or the barcodes which are poorly printed. CipherLab 2500 series equips with a scan beam of 3 mm in width from 15 cm away that allows users to reduce the probabilities of misreads while barcodes are placed close to each other. The CipherLab 2500 series handheld scanner maximizes workforce productivity for everyday operations in a variety of business.



Key features Cipherlab A2560:

- Bluetooth v4.0 Dual Mode with EDR
- IP65 rating and 1.8 m/ 6 ft. drop resistance
- Snappy 578 scan rate on 1D Barcodes
- Reads barcodes up to 3 mil resolution and 15% PCS
- Auto detection of USB, RS232 and keyboard wedge interface
- Swappable battery runs up to 75 hours on single charge
- ESD Protection ±10 kV(contact), ±20 kV (air)
- Web-based ScanMaster setup tool for easy access and configuration



Technical Description

Functionality & Operation	
2D Code Symbologies	Data Matrix, Micro QR Code, QR code, MaxiCode, Aztec, TLC-39, Composite codes, PDF417, MicroPDF417
1D Barcode Symbologies	All standard one-dimension barcodes
Wireless communication	Bluetooth®
WPAN Features	Bluetooth® v4.0
Optical	
Bar code scanner	2D Imager
Minimal PCS value	20%
Depth of scan field	35-280 mm
Resolution	1D: 3 mil / 2D: 5 mil
Resolution	1280 x 800 px
Maximal skew angle	60°
Maximal pitch angle	60°
Light source	warm white LEDs 2x
Scanning rate	60scan/s
Electrical	
Main battery pack	Rechargeable Li-Ion battery 3000 mAh, 3.7V
Main battery pack operating time	75hr
Mechanical	
Weight	198g
Dimensions	Width: 66mm, Height: 160.5mm Length: 98.2mm
Color	black
Environment	
Maximal ambient light	100000lux
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%
Ingress protection	IP65



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