

# 1204

## General Handheld Scanner

The CipherLab 1204 is a lightweight, corded handheld scanner designed for daily barcode scanning in retail, healthcare, hospitality, and assembly line environments. Supporting all 1D and 2D barcodes on both paper and screens, it delivers reliable performance, ergonomic comfort, and intuitive features that enable smart, cost-effective business operations.



### Enhanced Usability with Clear Indicators and Adjustable Stand

This model provides clear audio and visual feedback with a front-facing buzzer and indicator light, along with an adjustable stand for flexible, hands-free scanning in busy environments.

### Rugged Protection with Durable TPU Guard

Built for durability, the 1204 features a raised TPU scan lens guard that protects the scanning engine from drops and impacts, ensuring reliable and long-lasting performance.

### Flexible Configuration with CipherLab ScanMaster Software

This scanner works seamlessly with CipherLab ScanMaster software, enabling easy configuration of hands-free scanning, data formats, symbology types, and more for any work environment.

### Ergonomic Design for Comfortable, Fatigue-Reducing Operation

The 1204 features an ergonomic, tapered handle with polished surfaces and a raised thumb rest for enhanced grip and support. Combined with a two-finger trigger and ample finger clearance, this design balances pressure evenly and guides natural scanning motions, ensuring all-day comfort and reduced fatigue.



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**1204** series

Category		2D Imager	
		Corded	
Performance	Optical sensor	CMOS Image Sensor 640 x 480 pixels	
	Light source	White LED	
	Resolution	3 mil- 1D barcode ; 5 mil - 2D barcode	
	Depth of field 13 mil barcode	Code 39 4 mil	4 to 7 cm
		Code 128 4 mil	4 to 15 cm
		UPCA 13 mil	5 to 34 cm
		QR Code 6 mil	5 to 8 cm
		QR Code 15 mil	2 to 22 cm
	Scanning angle	Pitch ±65° ; Skew±65°	
	Minimum PCS	25%	
	Scan rate	60 scans/second	
	Hands-free scanning	Presentation mode	
	Barcodes support	1D: Codabar, Code11, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code93, Code128, GS1-128,UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar, RSS14, GS1 DataBar Limited, GS1 DataBar Expanded, etc. 2D: PDF417, MicroPDF417, DataMatrix, QR code, Micro QR code, Aztec	
Programmable features		Interface selection, symbology configuration	
Physical	Dimension (LxWxH)	166.6 x 86.7 x 64.8 mm	
	Weight (without cable)	142g	
Electrical	Voltage	Standby : typical 100mA @5VDC / Operating : typical 270mA @5VDC	
	Power consumption <sup>2</sup> (Standby / Operating)	42 mA/ 142 mA	
User Environment	Temperature	Operating: 0°C to 50°C ; Storage: -20°C to 60°C	
	Humidity	Operating: 10% to 90% ; Storage: 5% to 95%	
	Impact resistance	1.5m	
	Ingress protection	IP42	
	Electrostatic discharge	±8 kV contact ±15kV air	
	Regulatory compliance	BSMI, CE, FCC, RoHS	
Accessories		USB cable Adjustable stand	
Warranty		1 year	

1. The data is tested with USB interface.



Headquarters CipherLab Co., Ltd.	12F, No. 333, Sec. 2, Dunhua S. Rd., Da'an Dist., Taipei City 106033, Taiwan Tel: +886 2 8647 1166 Fax: +886 2 8732 3300
CipherLab China	3115 Room, No.317 Xianxia Road, Changning District, Shanghai, China 200050 Tel: +86 21 3368 0288 Toll Free: +86 400 920 0285 Fax: +86 21 3368 0286
CipherLab USA	2552 Summit Ave. STE 400 Plano, Texas 75074, USA Tel: +1 469 241 9779 Toll Free: +1 888 300 9779 Fax: +1 469 241 0697
CipherLab Europe	Posthoornstraat 11, 3011 WD Rotterdam, The Netherlands Tel: +31 10 307 7152