



1704



1704 2D scanner

RUGGED, VERSATILE

CipherLab's handheld 2D scanner enables you to capture more symbologies in nearly any application. For manufacturing, warehouse, logistics, and more, you can depend on the CipherLab 1704 scanner to help save money and increase productivity.

1704 rugged 2D scanner



Rugged Value, High Performance

LONG-LASTING VALUE

We designed the 1704 to give you long-lasting value by making it rugged with a low-cost investment. Built to IP54 specifications and repeatedly drop-tested from 1.8 meters, the 1704 withstands sudden shock, dusty environments, and splashing water. Even in the harsh environments of manufacturing, warehousing, and logistics it keeps delivering high performance for years to come.

1.3 MEGAPIXEL IMAGE CAPTURE

With the 1704, you can easily enable higher levels of authentication. The 1704's 1.3 megapixel, high-resolution imager lets you capture signatures for processes requiring a greater degree of authorization or documentation, such as confirmation of a damaged shipment. An option allows capture of documents as large as A4.

ROBUST DECODING CAPABILITIES

The 1704 scanner captures both 2D and 1D barcodes in the same rugged unit. Its high-resolution imager is ideal for damaged or poorly printed barcodes, allowing accurate data capture even when barcodes are scratched and damaged.

TRIPLE ALERTS FOR EVERY ENVIRONMENT

With three modes of "good scan" confirmation, the 1704 allows work to proceed, even in dark, noisy or distracting environments. Choose confirmation signals from a bright LED alert, adjustable volume alert, or vibration in the handle. Few other 2D scanners offer such a complete choice of alerts, tailored to the rigors of your workplace.

SCANMASTER *Custom-configure your scanner*

CipherLab's complimentary ScanMaster software provides a comprehensive tool set to configure the 1704 scanner, edit format and symbol types, plus more.



1704 scanner



1704 FEATURES	USER BENEFITS
<i>Built for harsh work conditions, drop tested to 1.8 meters, sealed to IP54</i>	Productivity in extreme temperature, humidity situations. Maximized service life for highest return on investment, lowest cost of ownership.
<i>High-resolution scanning engine captures documents and signature</i>	Rich data capture adds functionality and performance.
<i>Multi-mode 'good scan' signals</i>	Adjustable volume, bright LED and exclusive vibrator notify user—even in dark or noisy environment.

CIPHERLAB PRODUCTS ARE VALUED WORLDWIDE FOR ENGINEERING EXCELLENCE. OUR **RUGGED SCANNERS** ARE ANOTHER EXAMPLE OF TECHNICAL INNOVATION AND QUALITY VALUE FOR TODAY'S AIDC SOLUTIONS.



SPECIFICATIONS

1704 2D scanner

RUGGED, VERSATILE



1704

1704DC (can capture A4 document)

Performance	Category	2D barcode scanner								
	Optical sensor	1280 (H) × 1024 (V)								
	Light source	Red LED 630 nm±20 nm								
	Resolution	5 mil 1D 6.67 mil 2D								
	Depth of field at 80% MRD	Code 39	5 mil	6.4 to 17.8 cm / 2.5 to 7 in.			Code 39	5 mil	10.7 to 25.4 cm / 4.2 to 10 in.	
		Code 39	7.5 mil	6.4 to 22.9 cm / 2.5 to 9 in.			Code 39	7.5 mil	6.4 to 36.3 cm / 2.5 to 14.3 in.	
		UPCA	13 mil	6.4 to 25.4 cm / 2.5 to 10 in.			UPCA	13 mil	6.4 to 41.4 cm / 2.5 to 16.3 in.	
		Code 39	20 mil	6.4 to 36.8 cm / 2.5 to 14.5 in.			Code 39	20 mil	7.1 to 58.4 cm / 2.8 to 23 in.	
		PDF 417	6.67 mil	7.6 to 17.3 cm / 3 to 6.8 in.			PDF 417	6.67 mil	12.2 to 24.9 cm / 4.8 to 9.8 in.	
		PDF 417	10 mil	7.6 to 19.8 cm / 3 to 7.8 in.			PDF 417	10 mil	10.2 to 32.3 cm / 4 to 12.7 in.	
	PDF 417	15 mil	11.9 to 23.6 cm / 4.7 to 9.3 in.			PDF 417	15 mil	11.9 to 38.9 cm / 4.7 to 15.3 in.		
	Scanning angle	Pitch ±65° Skew ±60°								
	PCS	Minimum 25%								
	Frame rate	30 frames/second								
Interfaces supported	RS232 / Keyboard wedge / USB HID / USB Virtual COM									
Barcodes supported	1D symbology: Codabar, Code 11, Code 39, Code 93, Code 128, Discrete 2 of 5, Interleaved 2 of 5, MSI, RSS, UPC/EAN, UPC/EAN128 2D symbology: Aztec and composites, DataMatrix, Maxicode, PDF417, QRCode Postal codes: Australia, Japan, U.S. Postnet, U.S. Planet, UK									
Programmable features	Data editing, multi-barcode editing, data format editing									
Language support	US and UK English, French, Italian, Belgian, Norwegian, Swedish, Spanish, Portuguese, German, Japanese									
Physical	Weight including battery	306 g / 10.8 oz.								
	Color	Yellow								
	Switch	Tactile switch								
Electrical	Voltage	4.5 to 24V								
	Power consumption Standby / Operating	45mA / 378mA @5V								
User environment	Operating temperature	-10° to 55°C / 14° to 131°F ¹								
	Storage temperature	-40° to 70°C / -40° to 158°F								
	Humidity Non-condensing	Operating: 10% to 90% Storage: 5% to 95%								
	Impact resistance	1.8 m / 5.9 ft., five drops per side								
	Electrostatic discharge	±15 kV air discharge, ±8 kV contact discharge								
	Ingress protection	IP54								
	EMC regulation	BSMI, CE, C-Tick, FCC, IC								
Configuration	Setup options include Windows® based ScanMaster software by direct connection or printing out barcode settings									
Accessories	Power Hood									
Warranty	3 years / engine 1 year									



Power Hood



Power Hood

¹adapter's operating temperature is 0° to 40°C (32° to 104°F)

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About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

The best brands. We offer products from the best manufacturers worldwide.

Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

Largest stock. We have a permanent stock of more than 12,000 products.

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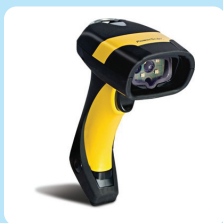
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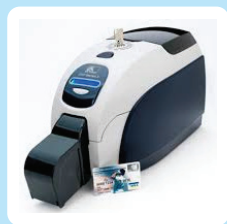
Label printers



Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)

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