

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	3 mil 1D	6.67 mil 2D	5 mil 1D	6.67 mil 2D		
	Depth of field at 80% MRD	Code 39	3 mil	6.4 to 12 cm / 2.5 to 4.72 in.	—		
		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	<i>1D symbology:</i> Codabar, Code 11, Code 39, Code 93, Code 128, Discrete 2 of 5, Interleaved 2 of 5, MSI, RSS, UPC/EAN, UPC/EAN128 <i>2D symbology:</i> Aztec and composites, DataMatrix, Maxicode, PDF417, QRCode <i>Postal codes:</i> 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 <sup>1</sup>					
	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 (included), by direct connection or printing out barcode settings						
Accessories	Power Hood						
Warranty	3 years / engine 1 year						



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

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