SPECIFICATIONS

8000 series

Pocket-size Mobile Computer

8000   8071

ACCESSORIES

		8000	8001	8061	8071
Wireless Communication	Options	Batch		Bluetooth	Wi-Fi
	Specifications	Infrared		BT Class 1	802.11b/g
	Coverage line of sight	Typically 30 cm / 12 in.		250 m / 820 ft.	350 m /1148 ft.
Power	Operation battery	2 AAA alkaline	Li-ion 3.7 V 700 mAh		
	Backup battery	Rechargeable lithium 3.0 V, 7.0 mAh			
	Working time laser, one scan per five seconds	100 hours		36 hours	22 hours
	Data retention	30 days			
General Characteristics	CPU	16-bit CMOS, low power consumption			
	Program memory	2MB flash memory			
	Data memory	2MB SRAM			
	Display	LCD 100 x 64 with LED backlight			
	Keypad	21 rubber keys with LED backlight			
	Buzzer	Programmable, 1 KHz to 4 KHz			
	LED	Dual color: red and green			
Dimensions	Size L x W x H	122 x 56 x 23 mm 4.8 x 2.2 x 0.9 in.	122 x 56 x 32 mm 4.8 x 2.2 x 1.25 in.		143 x 57 x 35 mm 5.6 x 2.25 x 1.4 in.
	Weight laser including battery	123 g / 4.4 oz.	120 g / 4.2 oz.	125 g / 4.4 oz.	166 g / 5.9 oz.
Scanner	Light source	Linear imager: 650 nm red LED / Laser: visible laser diode			
	Scan rate	Linear imager/Laser: 100 scans per second			
	Scan angle	Laser: 47°			
	Reading range	Linear imager: 3 to 29 cm / 1.2 to 11.4 in. Laser: 1 to 45 cm / 0.4 to 1.5 ft. dependent on barcode resolution			
Environmental	Operating temperature	-10°C to 60°C / 14°F to 140°F			
	Storage temperature	-20°C to 70°C / -4°F to 158°F			
	Humidity	Operating: non-condensed 10% to 90% / Storage: 5% to 95%			
	Impact resistance	1.2 meter / 4 ft. drops onto concrete, 5 drops per 6 sides			
	Electrostatic discharge	± 15 kV air discharge, ± 8 kV direct discharge			
	EMC regulation	FCC, CE, and C-Tick approved			FCC, CE, C-Tick, DGT, BSMI, TELEC, MIC
Programming		C, Basic, and Windows-based applications generator			
Accessories		Charging & communication cradle (serial & USB), Modem cradle (56K), Ethernet cradle (10/100 BaseT), Battery gang charger			
Acoustic Coupler 8020/8021 available in US		Data rate/format: 1200, O/E/N, 7/8, 1/2 stop bits Sound frequency: 1.2 KHz ± 5%, 2.2 KHz ± 5% Modulation type: Bell202/FSK			
Warranty		1 year			

Communication Cradle

Charging and Communication Cradle

56 Kbps Modem 10/100 Mbps Ethernet Cradle

4-slot Battery Charger

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CIPHER LAB Smarter

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