

CubiCal C8000

Cargo Data Terminals

Product data sheet



Tape Specifications and Performance Highlights

Dimensions (approx) L x W x H:	18 cm / 7 inch x 6.5 cm / 2.5 inch x 4 cm / 1.5 inch
Measurement Captured:	Metric & Standard (Imperial)
Measurement Intervals:	2 mm, 5 mm, 1.0 cm / 0.2 inch, 0.5 inch, 1.0 inch
Minimum measurement:	3 cm / 1.4 inch
Maximum measurement:	5.2 m / 16 feet with add function keys
Tape Specification:	19 mm / 0.75 inch -Heavy Duty
Calculation modes: (density)	Volume m3, ft3, DIM Wt. (User programmable)
Standard pallet/skid settings:	CHEP & Euro plus others
Host requirement:	PDA specifications as shown on page 2
Calibration:	Full service available

C8000

Mobile dimensional weight measurement device

A low-cost, mobile solution for the capture of item and dimensional weight data, that interfaces seamlessly with stand alone or existing host applications.



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PDA Specifications and Performance Highlights

		8000	8001	8061	8071*
Wireless Communication	Options	Batch		Bluetooth	Wi-Fi
	Specifications	Infrared		BT Class 1	802.11b
	Coverage line of sight	Typically 30 cm / 12 in		250 m / 850 ft.	
Power	Operation battery	2 AAA alkaline	Li-ion 3.7 V 700mAh		
	Backup battery	Rechargeable Lithium 3.0 V, 7.0 mAh			
	Working time Laser, 1 scan per 5 seconds	>100		>36 hours	>8 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 26 mm 4.8 x 2.2 x 1 in.	122 x 56 x 32 mm 4.8 x 2.2 x 1.25 in.	143 x 57 x 35 mm	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. dependant on barcode resolution			
Environmental	Operating temperature	-20°C to 60°C / -4°F to 140°F			"-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	Impact resistance 1.2 meter / 4ft. 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, 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	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 (excludes tape blade)				

* Release date not set