

SPECIFICATIONS

# 711/8110

## Mobile Computer



711

8110

		711	8110
<b>Communication</b>	Serial	RS232/Serial IR/IrDA	RS232/Serial IR/IrDA
	Wireless option	–	Narrow band (433 MHz)
	Coverage	–	200M line of sight
<b>Power</b>	Operation battery	Two AAA alkaline / rechargeable	
	Backup battery	Rechargeable lithium 3.0V, 7.0mAh	
	Working time (with AAA alkaline)	100 hours	20 hours
<b>General Characteristics</b>	CPU	16-bit CMOS, low power consumption	
	Program memory	1MB flash memory	
	Data memory	1MB/2MB SRAM	256K SRAM
	Display	128x64 graphic dots FSTN with LED backlight	
	Keypad	21 rubber keys with LED backlight	
	Buzzer	Programmable, 1KHz to 4 KHz	
	LED	Dual color, red and green	
<b>Dimensions</b>	Size L x W x H (mm)	145 x 63 x 33.5	175 x 63 x 42
	Weight including battery	180 g	210 g
<b>Scanner</b>	Light source	Linear imager: 650 nm red LED Laser: Visible laser diode operating at 670 ± 15 nm	
	Scan rate	Linear Imager: 100 scans per second Laser: 36 ± 3 scans per second	
	Scan angle	Laser: 42° nominal	
	Depth of field	Linear Imager: 6~13cm Laser: 2~70 cm depends on barcode resolution	
	Resolution	0.075mm (3 mil) ~1.375 mm (55 mil)	
<b>Environmental</b>	Operating temperature	-20°C to 60°C	
	Storage temperature	-30°C to 70°C	
	Humidity	Non-condensed 5% to 95%	
	Impact resistance	1.2 m drops onto concrete	
	EMC regulation	FCC class-A, CE and C-Tick approved	
<b>Programming</b>	C, BASIC, Windows-based Application Generator		
<b>RF station</b>	–	Base station with mounting bracket	
<b>Accessories</b>	RS232 cable, communication cradle, battery charger, rechargeable battery pack		
<b>Warranty</b>	1 year		

## ACCESSORIES



Battery Charger



Communication Cradle



Base Station With Mounting Bracket (3510)

TÜV CERT DIN EN ISO 9001

©2006 CipherLab Co., Ltd. All specifications are subject to change without notice. All rights reserved. All trademarks and trade names are those of their respective owners.



**HEADQUARTERS**  
**CipherLab Co., Ltd.**  
 12F, 333 Dunhua S. Rd., Sec. 2  
 Taipei, Taiwan 106  
 Tel +886 2 8647 1166  
 Fax +886 2 8732 2255  
 www.cipherlab.com

**CipherLab China**  
 Suite 1305, 1065A, Jaojiabang Rd.  
 Xuhui District, Shanghai,  
 China 200030  
 Tel +86 21 3368 0288  
 Fax +86 21 3368 0286

**CipherLab USA**  
 2552 Summit Avenue  
 Plano, Texas USA 75074  
 Tel +1 469 241 97799  
 Toll Free 888 300 9779  
 Fax +1 469 241 0697

**CipherLab EMEA**  
 Airedale House  
 Clayton Wood Rise  
 Leeds, LS16 6RF, UK  
 Tel +44 113 274 7823  
 Fax +44 113 274 7822