



8000 series

Pocket-Size Mobile Computer

The power to keep business moving—right in the hands of the people that need it most in retail, healthcare, field sales, or warehousing.

Hardworking 8000 series mobile computers provide the power of modern data management—easy scanning, accurate data capture and entry—in one efficient, cost-effective solution.

8000 series

Pocket-Size Mobile Computer



Stay in front of the customer and ahead of the competition

CipherLab 8000 terminals are hardworking partners for busy workers in virtually every retail environment, from grocery and convenience stores to specialty and department stores.

The 8000 series mobile computers combine easy scanning, accurate data capture, long working hours, and powerful options in a compact handheld. With efficient data capture and control, shelves stay fully stocked and merchandise moving. Sales staff spend less time fussing with details and more time creating customer satisfaction and revenue.

Handy 8000s add robust performance and flexible functionality to fast-moving companies that recognize the value of data management.

- ▶ **Speed ordering, restocking, pricing, and order fulfillment**
- ▶ **Automate repetitive tasks for increased worker performance**
- ▶ **Improve customer satisfaction through enhanced data access**
- ▶ **Empower lead management and contact updates**
- ▶ **Tighten scheduling, order, and delivery tracking**
- ▶ **Streamline operations using vertical-niche applications**

Smart solutions with immediate payoffs

Manage inventory for greater efficiency

Champion, a major retailer of health and sporting goods in Russia, was managing over 50,000 SKUs using a spreadsheet and handwritten orders.



To speed fulfillment, Champion coupled CipherLab 8001 and 8300 mobile computers with an integrated custom application based on 1C. Using the new system, orders are taken on the sales floor, store inventories are accurate, and stock-managing efficiency jumped 25 to 30 percent. Management now has accurate metrics for analysis of sales trends and dramatic order planning improvement.

Compete against warehouse stores

As the third-largest pet store chain in the U.S., Pet Supplies Plus needed to support an extensive product selection without back-end warehousing.



RJM Systems created a solution using CipherLab 8021 and 8071 running DataMan PC software. Cost-effective terminals now transmit franchisee orders directly to twenty approved vendors, reducing delivery time while keeping shelves fully stocked. This intelligent order system saves 40% in labor costs while improving accuracy, price checking and inventory management in over 200 Pet Supplies Plus stores.

Achieve 100% precision

China Medical University Hospital relies on 8000s to ensure delivery of outpatient chemotherapy.



With 600 physicians and 1,600 nurses serving over 123,000 outpatients, administering the correct therapy to the correct patient is streamlined using 8000 terminals in nursing stations and on mobile carts. Patient orders are downloaded to the 8000 pocket-size mobile computer. When nurses scan patient barcodes, the medication and dose are displayed on screen. After administration, the patient records are synchronized in the main server database via cradle upload.

8000 series

Pocket-Size Mobile Computer



Ensuring healthy accuracy

The CipherLab 8000 series helps healthcare professionals achieve greater precision and responsiveness. The compact design and backlit LCD screen make it a favorite among multi-tasking hospital and laboratory personnel for quickly enhancing communications between doctors, nurses, labs, and pharmacies, resulting in greater efficiency, fewer errors, and enhanced patient and employee satisfaction.

Key link in the supply chain

Improve speed and accuracy of supply chain functions, including picking and packing, route assignment, paperless accounting, and batch or wireless ordering and reporting. The easy-to-learn interface combined with long working hours get the job done for logistics personnel who have to maintain communication from the loading dock to the front office.

A small computer with enormous benefits

MASTER EVERY DETAIL

Versatile 8000 series mobile computers improve business-critical operations by combining scanning and data entry in one compact lightweight handheld with a user-friendly interface and easy-to-read backlit LCD screen.

ALWAYS READY FOR OVERTIME

Highly efficient circuit design enables up to 100 continuous hours on AAA-size alkaline or lithium-ion rechargeable batteries. A backup rechargeable lithium battery prevents data loss if you can't change or charge the battery immediately.

POWER WHERE YOU NEED IT

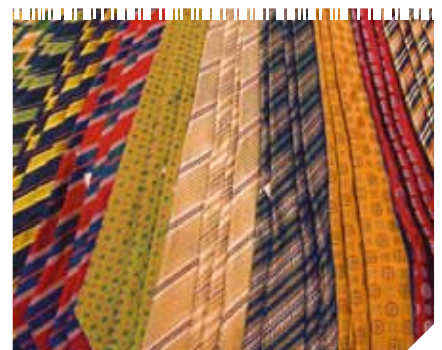
Running on a 16-bit CMOS low-power-consumption CPU, 8000 series mobile computers come with 2MB of program memory and 2MB of data memory (with 4MB optional on the 8001) for robust data manipulation and storage.

READ NOW—KNOW NOW

With a choice of linear imager or laser reader, the 8000 series meets most barcode scanning needs. BT and wireless LAN (802.11b/g) options enable real-time data transmission, even by mobile phone, as well as easy label printing, and streamlined communication throughout your facility.

WORKS WITH YOUR CRITICAL APPLICATIONS

The CipherLab operating system supports a wide variety of C and BASIC solutions from batch to wireless connectivity. CipherLab's Power Suite software helps you create the perfect application for your situation. FORGE Application Generator, STREAM Wireless Studio, MIRROR Terminal Emulation and BLAZE C and Basic Compilers make development easy.



CIPHERLAB PRODUCTS ARE
VALUED WORLDWIDE FOR
ENGINEERING EXCELLENCE.

THE 8000 SERIES

IS ANOTHER EXAMPLE OF
TECHNICAL INNOVATION AND
QUALITY VALUE FOR TODAY'S
AIDC SOLUTIONS.

SPECIFICATIONS

8000 series

Pocket-Size Mobile Computer



	8000		8001		8062		8071		
Communication	Options	Batch			BT Class 2 compliance		IEEE 802.11 b/g		
	Serial	IrDA (115.2 Kbps)							
Performance	CPU	16- bit							
	Program memory	2MB flash							
	Data memory	2MB SRAM	2MB/4MB SRAM		2MB SRAM				
	Operating power	2 AAA alkaline	Li-ion 3.7V, 700 mAh						
	Backup power	Rechargeable lithium 3.0V, 7.0 mAh							
	Working time ¹	100 hours				36 hours		22 hours ²	
	Data retention	30 days							
	Alert	Dual-color LED, volume-programmable beeper							
Data capture	Barcode scanning	Linear imager / Laser							
Physical characteristics	Display	LCD 100 × 64 with LED backlight							
	Keypad	21 rubber keys with white LED backlight							
	Dimensions L x W x H	122 × 56 × 23 mm 4.8 × 2.2 × 0.9 in.		122 × 56 × 32 mm 4.8 × 2.2 × 1.25 in.			143 × 57 × 35 mm 5.6 × 2.25 × 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.	
User environment	Operating temperature	-10° to 60°C / 14° to 140°F							
	Storage temperature	-20° to 70°C / -4° to 158°F							
	Humidity non-condensed	Operating: 10% to 90% / Storage: 5% to 95%							
	Impact resistance	Multiple 1.2m / 4 ft. drops onto concrete, 5 drops on each side							
	Electrostatic discharge	±15kV air discharge / ±8kV direct discharge							
	EMC regulation	BSMI, CE, C-Tick, FCC, IC			CE, FCC		BSMI, CE, C-Tick, FCC, IC, MIC, NCC, SRMC, TELEC		
Development support	CipherLab Power Suite BLAZE C Compiler and BASIC Compiler								
Application software	CipherLab Power Suite FORGE Application Generator including data transmission OCX, STREAM Wireless Studio, MIRROR Terminal Emulation,								
Cradles	Communication cradle (USB or RS232, only for 8000), charging and communication cradle, modem cradle, Ethernet cradle, GPRS cradle (quad band),								
Accessories	4-slot battery charger, AC/DC adapter, RS232 cable, USB cable								
Acoustic coupler 8021 available in US only	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								

¹ Based on one standard laser scan per five seconds with backlight off.

² Dependant on loading traffic of network

©2011 CipherLab Co., Ltd. All specifications are subject to change without notice. All rights reserved. All brand, product and service, and trademark names are the property of their registered owners.

ACCESSORIES



Communication Cradle



Charging and Communication Cradle



Modem / Ethernet Cradle



GPRS Cradle (Quad band)



4-Slot Battery Charger



HEADQUARTERS
CipherLab Co., Ltd.
 12F, 333 Dunhua S. Rd., Sec. 2
 Taipei, Taiwan 10669
Tel +886 2 8647 1166
Fax +886 2 8732 3300
www.cipherlab.com

CipherLab China
 J Room, 4F, No.728 West Yan'an Road,
 Changning District, Shanghai
 China 200050
Tel +86 21 3368 0288
Fax +86 21 3368 0286

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

CipherLab Central Europe
 Willicher Damm 145
 41066 Mönchengladbach
 Germany
Tel +49 2161 56230 0
Fax +49 2161 56230 22