CIPHERLAB
Smarter

8000 series



Pocket-sized 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.

LINEAR IMAGER LASER

NUMERIC KEYPAD

1.2M MULTIPLE DROPS

Bluetooth®

8000 series

Pocket-sized 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. 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.

Streamline operation and reduce errors

Planet Aid, a non-profit organization, decided to automate its manual-based inventory management of its clothing collection, which is time consuming and error-prone.

Planet Aid employees easily scan bins, estimate the amount of clothing in a bin and record that information into the CipherLab 8000 mobile computers. The data is then uploaded to the main database from the devices, where site production and performance metrics can be analyzed instantly. Planet Aid thus creates more efficient clothing collection schedules based on the bins' usage and capacity. As a result, the organization is able to significantly reduce the amount of paperwork, dramatically streamlining the operation.

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-sized 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.

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, 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. *Bluetooth*® option enables real-time data transmission, even by mobile phone, as well as easy label printing, and streamlined communication throughout your facility.

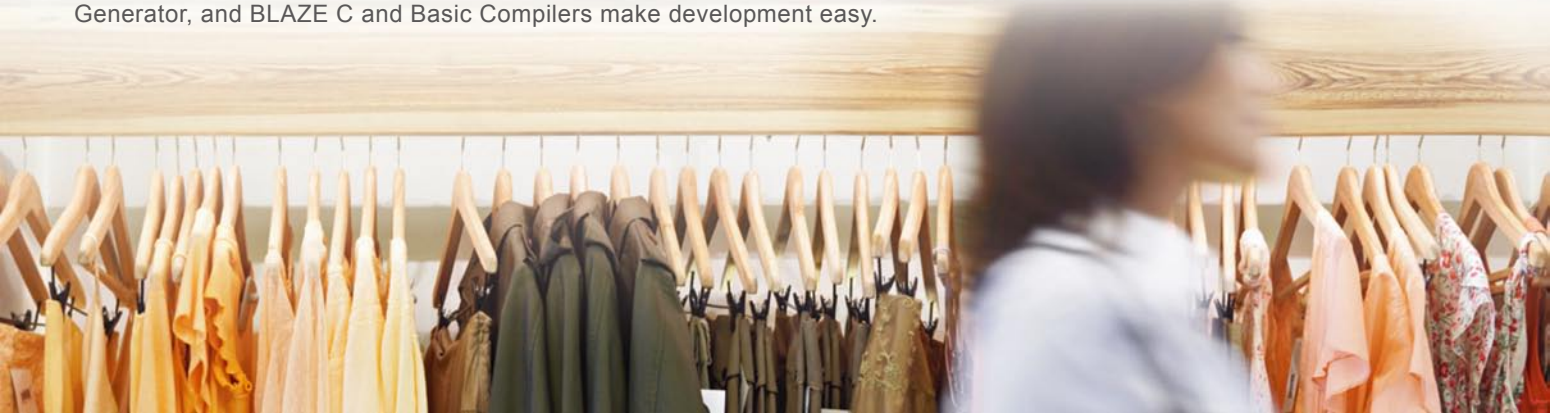
Works with your critical applications

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, 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



8000 series

Pocket-sized Mobile Computer



		8000	8001	8062
Communication	Options	Batch		*Bluetooth*® Class 2 compliance
	Serial	IrDA (115.2 Kbps)		
Performance	CPU	16-bit		
	Program memory	2 MB flash		
	Data memory	2 MB SRAM	2 MB / 4 MB SRAM	2 MB SRAM
	Operating power	2 AAA alkaline	Li-ion 3.7 V, 700 mAh	
	Backup power	Rechargeable lithium 3.0V, 7.0 mAh		
	Working hours[1]	100 hours		36 hours
	Data retention	30 days		
	Alert	Dual-color LED, volume programmable beeper		
Data Capture	Barcode scanning	Linear imager / Laser		
Physical Characteristics	Display	LCD 100 x 64 with LED backlight		
	Keypad	21 rubber keys with white LED backlight		
	Dimension (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.	
	Weight (laser including battery)	123 g / 4.4 oz.	120 g / 4.2 oz.	125 g / 4.4 oz.
User Environment	Operating temperature	-10ºC to 60ºC / 14ºF to 140ºF		
	Storage temperature	-20ºC to 70ºC / -4ºFto 158ºF		
	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
Development software		CipherLab Power Suite BLAZE C Compiler and BASIC Compiler.		
Application software		CipherLab Power Suite FORGE Application Generator including data transmission OCX		
Cradles		Communication cradle (USB or RS232 interface, only for 8000), Charging and communication cradle, Modem cradle , Ethernet cradle, GPRS cradle (quad band), 3G cradle		
Warranty		1 year		

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

ACCESSORIES



Communication Cradle



Charging and Communication Cradle



Modem / Ethernet Cradle



3G Cradle / GPRS Cradle (Quad Band)



4-Slot Battery Charger

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