CIPHER LAB
Smarter

9400

9400 series
Industrial Mobile Computer

Built powerful and compact, the 9400 series puts more capabilities in the palm of your hand to make your work simpler and faster.

Manage more information from more places, using barcode, RFID, keyboard, touchscreen and signature capture input. Rugged, powerful and compact, the 9400 from CipherLab combines intelligent processing with reliable day to day operations.

9400 series
Industrial Mobile Computer

Faster, More Efficient
Field Sales and Service

No matter what you're doing, with the 9400 series you're always in touch with the critical information you need to sell more or complete service faster. The latest customer information, purchase trends, and product usages are available from your host systems through wireless LAN to keep you proactive, productive, and ready to respond to your customers' needs with exact product solutions. Scan product codes, place and confirm orders, capture customer signatures, all with the small, comfortable 9400 series. Now it's easy to take care of your customers' needs, any time, any place.

For field service activities, the 9400 series puts the technical information and service tools you need in the palm of your hand, and makes your work faster and easier. Supporting multiple data input methods—keypad, touchscreen, barcode, and signature capture—and offering a high-resolution VGA display, the 9400 series gives you more ways to search, find, and view information, plus the ability to confirm completion with a customer signature.

Unstoppable Retail

With the power of your Windows®-based retail applications, multiple AIDC capabilities, wireless networks, and BT connectivity, the 9400 series makes it easy to manage products and track—even process sales. Whether you're working on the sales floor or a delivery truck, the 9400 series enables you to scan and update inventory, take orders—with signature capture—and collect replenishment data. Wireless LAN connectivity keeps you connected to your server applications and batch processing handles beyond-range operations.

Limitless Applications

What could be better than an incredibly easy to use and lightweight AIDC tool? One that easily masters your business applications, empowering your workforce with all the tools available in your host systems. The 9400 series, based on Windows® CE 5.0 and supported by a wide variety of development tools, puts incredible computing possibilities in your employees' hands.

DEVELOPMENT TOOLS	SOFTWARE SOLUTIONS
Microsoft® eMbedded Visual C++ 4.0	CipherLab **STREAM** Wireless Studio
Microsoft® Visual Studio 2005	CipherLab **FORGE** Application Generator
Microsoft® Visual Studio.NET	CipherLab **MIRROR** Terminal Emulators and Browser
Windows® CE SDK	**MCL**-Collection
	Wavelink® Avalanche™ and Emulators
	SOTI MobiControl
	Naurtech CETerm

Wide Acceptance, Broad Application

Retail, manufacturing, field service, government agency, and healthcare industries benefit daily from CipherLab's innovative designs, comfortable ergonomics, ruggedness, performance features, and solid value in a full range of mobile computer products.

Comfortable and Easy to Work With, Yet Rugged and Powerful

BUILT STRONG FOR EXTREME ENVIRONMENTS

Bumps, drops, cold, heat, humidity, and daily use. These are the reasons we designed the 9400 for everyday work environments. It can withstand repeated 1.5 m drops onto concrete, temperatures from -10 to 50°C with up to 95% humidity, and dusty, wet environments to IP64 specifications. It's even been tested to continue to deliver the performance you need after being tumble-dropped thousands of times.

PERFECT FOR DEMANDING, ENTERPRISE-WIDE SYSTEM SOLUTIONS

Designed around industry-leading XScale™ Technology and Windows® CE operating systems, the 9400 series delivers maximum computing power with multimedia, energy efficiency, and easy application and system integration capabilities. Its large memory capacity; a wide range of application development support from Microsoft®, CipherLab, MCL, Wavelink®, SOTI, and Naurtech; and mini SD slot maximize flexibility and scalability for large system applications.

EASY TO CARRY. EASY TO USE

There are so many things about the 9400 that make it the best AIDC tool. Because it's small, lightweight, and comfortable, it's easy to use all day long. A true VGA screen option with crystal clarity makes it easy on your eyes, while giving the highly detailed images you need. A 3.5-inch transflective, backlit display lets you easily view information indoors and in bright daylight. Multiple feedback methods keep you informed of system activities. And the option of a 28- or 59-button alphanumeric keypad lets you adapt the 9400 to your work—not the other way around.

THE PERFECT TOOL WHEREVER YOU NEED IT

Built to keep you connected, the 9400 series integrates a range of communications options. Wireless LAN (802.11b/g) enables instant communications at the highest speeds with back-end systems through local access points. Integrated BT lets you expand functionality with headsets, magnetic card readers, printers, and much more.

CIPHERLAB PRODUCTS ARE VALUED WORLDWIDE FOR ENGINEERING EXCELLENCE. THE 9400 SERIES IS ANOTHER EXAMPLE OF TECHNICAL INNOVATION AND QUALITY VALUE FOR TODAY'S AIDC SOLUTIONS.

SPECIFICATIONS

9400 series

Industrial Mobile Computer

Charging and Communication Cradle
USB client / USB host

		9400	9470
Performance	Operating system	Microsoft® Windows® CE 5.0 Professional	
	CPU	XScale™ PXA270 @ 520 MHz	
	Memory	128MB Flash ROM / 128MB SDRAM	
	Expansion	mini SD slot	
	Operating power	Rechargeable 3.7V 1800 mAh Li-ion battery standard	
		Rechargeable 3.7V 2700 mAh Li-ion battery extended	
		Adapter: AC 110V / 220V input, DC 6V / 3.3 A output via cradle	
	Working hours[1]	13.5 hours batch mode 9.5 hours WLAN mode	
	Backup power	3.7V 70 mAh Lithium battery Data retained 20 hours minimum	
	Alerts	Audio speaker / Vibrator / Tri-color LEDs	
	Microphone	via BT-compliant headset	
Wireless communication	WLAN 250 m line of sight[2]	-	IEEE 802.11 b/g
		Security: WEP, WPA, WPA-PSK(TKIP), WPA2, WPA2-PSK(AES)	
	WPAN	BT Class 2 compliance 10 m / 33 ft. range	
Data capture	Barcode scanning	Linear imager / Laser / 2D imager	
	RFID reader/writer	Frequency: 13.56 MHz Supported tags: ISO 14443A, ISO 15693, Tag-it	
Physical characteristics	Display	3.5" Color VGA or QVGA, TFT transflective, touchscreen, LED backlight	
	Keypad	28 shared or 59 full alphanumeric LED backlit keys	
	LED	Green, red, blue tri-color	
	Size L x W x H Weight	170 × 90 × 38 mm / 6.7 × 3.5 × 1.5 in. 400 g / 14.1 oz. configuration dependent	
User environment	Operating temperature	-10° to 50°C / 14° to 122°F	
	Storage temperature	-20° to 60°C / -4° to 140°F	
	Humidity	5% to 95% non-condensing	
	Impact resistance	Multiple 1.5 m / 5 ft. drops onto concrete, 5 drops/face 2,000 50 cm tumbles IP64	
	Electrostatic discharge	±15 kV air discharge / ±8 kV direct discharge	
	EMC regulation	CE, C-Tick, FCC, RSS-210, TELEC	
Programming		eMbedded Visual C++ 4.0, Visual Studio.NET, Visual Studio 2005, Windows® CE SDK, Reader Configuration Utility, CipherLab Power Suite FORGE Application Generator, STREAM Wireless Studio, MIRROR Terminal Emulation, Wavelink®, MCL, SOTI , Naurtech CETerm	
Accessories		Charging and USB client/host communications cradle, vehicle cradle, travel cradle, 4-slot terminal charger, 4-slot battery charger, belt holster, protective cover, pistol grip, USB Ethernet adapter	
Warranty		1 year	

[1] Based on one standard laser scan per five seconds with backlight on with 2700mAh battery.   [2] Effective coverage depends on user environment and equipment deployment. It is highly recommended to conduct a site survey before actual deployment.

Vehicle Cradle

Travel Cradle

Pistol Grip

USB Ethernet Adapter

Belt Holster

Protective Cover

4-Slot Battery Charger

4-Slot Charging Cradle