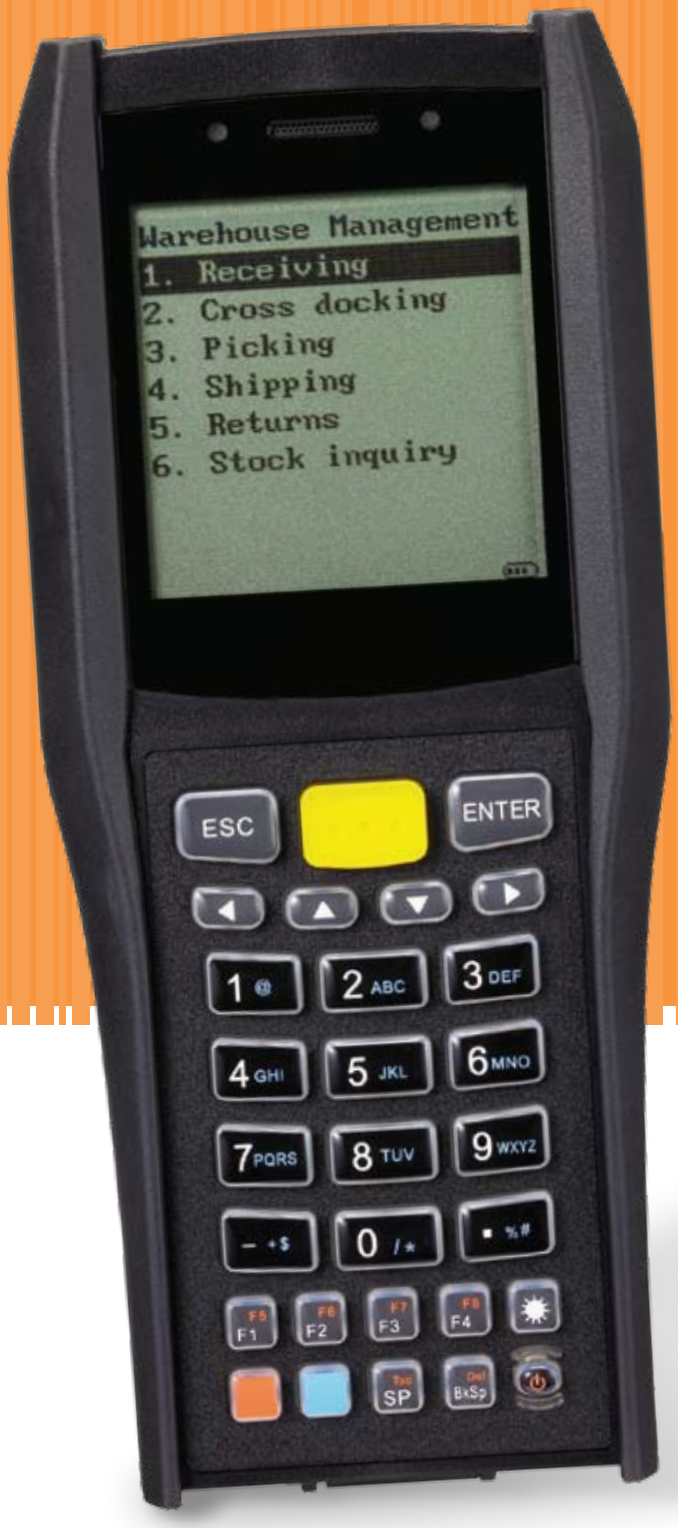
CIPHERLAB
Smarter

8400



8400 series

Industrial Mobile Computer

Purposely designed to improve productivity, the 8400 series puts powerful mobile applications with fast and easy data access in the hands of workers always on the go. An optimal combination of functionality, value, and features in a rugged, ergonomic form, the 8400 series is ideal to accelerate warehousing activities and quickly deploy integrated applications.

8400 series

Industrial Mobile Computer

Improve productivity

The 8400 enables smarter decisions and enhanced business agility by taking powerful data applications directly to the point of work. You'll reap the benefits in warehousing stock control, picking and order processing, manufacturing goods control, retail in-store, DSD, and field sales force automation.

Streamline complication

Accelerate warehousing and data management tasks all shift long with the 8400. Intelligent design makes it easy to view information, quickly enter data, and communicate wirelessly to peripherals and servers. It's quick to deploy, rugged, and reliable, delivering low TCO (total cost of ownership) throughout its long life. No matter how you measure, the 8400 series is smarter–for the worker, IT, and the business.

Power Suite maximizes your abilities

CipherLab's Power Suite SDK helps you create custom configurations and mobile applications, quickly and efficiently.

FORGE application generators custom-build an application that's perfect for your situation.

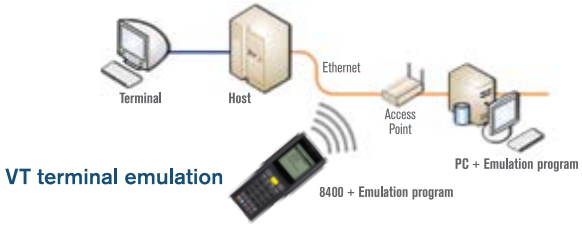
STREAM Wireless Studio facilitates mobile applications.

MIRROR terminal emulators combine the complexity of mainframe applications with mobile versatility.

BLAZE compilers turn C or Basic code into efficient applications.

True terminal emulation

In today's competitive environment, mobilizing existing logistics applications is a smart, low-cost step to improved efficiencies. A purposely designed, rugged mobile computer, the 8400 mobilizes a warehousing workforce and extends rich-featured applications to the point of work.



True terminal emulation in the 8400 meets VT100/220 and TN5250 standards. A bigger, brighter display, complete function and alphanumeric keys, extended battery life, and wireless capabilities bring the power of the desktop to the work floor.

When a proprietary OS is ideal

The smartest business outcomes match function to the task at hand. Warehousing and manufacturing applications don't benefit from color pictures for efficient workflows–instead, they need the 8400's computing power, flexibility, and features.

Without an elaborate operating overhead, the 8400 puts a lighter load on the processor, giving maximum work time between battery charges. And, because it won't need frequent system and security updates, the 8400 series needs less maintenance for lower TCO and higher ROI (return on investment).

CIPHERLAB Smarter

Powerful, mobile terminal emulation with data capture and wireless capabilities for efficient warehousing operations

From small to massive operations, when mobile workers use more effective tools, they accomplish more accurate work, faster.

CAPTURE MORE DATA—STORE MORE DATA

The 8400 offers a choice of linear imager, laser, or 2D imager to give you the right reader for your situation. 4MB or 16MB onboard storage plus one MicroSD slot gives you 8GB of memory.

SEE MORE INFORMATION—GET MORE DONE

The largest-in-class backlit, 2.6-inch, 160×160 pixel display makes work easy, even in dark corners. A 39-key keypad with 20 function keys or a 29-key keypad with 8 function keys allows you to match the format to your needs. You quickly see why the 8400 series is the best choice for warehousing operations.

2.6-inch, 160×160-pixel backlit display

29- or 39-key keypad with 8 or 20 function keys

CipherLab's Power Suite software

BT Class 2 compliance and/or wireless LAN(802.11 b/g)

STAY COMPLETELY MOBILE ALL SHIFT LONG

Nothing stops work faster than no data access or loss of power. That's why we designed the 8400 series with wireless communications and advanced power efficiency.

Both BT and wireless LAN 802.11 b/g allow easy access to peripherals and data without restrictive cables. Wireless LAN connectivity stays safe with multiple built-in security protocols. And the 8400 series delivers 35 hours of wireless terminal operation (over 100 hours for batch only) to get through the shift with power to spare.

KEEPS YOU WORKING, EVEN IN HARSH ENVIRONMENTS

Bumps, drops, cold, heat, water, humidity, and constant use: all enemies of electronics. We designed the 8400 series to work in the most difficult environments. It's built to demanding IP54 standards and easily survives 1.5 m impact and 1 m tumble testing.

CIPHERLAB PRODUCTS ARE VALUED WORLDWIDE FOR ENGINEERING EXCELLENCE. **THE 8400 SERIES** IS ANOTHER EXAMPLE OF TECHNICAL INNOVATION AND QUALITY VALUE FOR TODAY'S AIDC SOLUTIONS.

SPECIFICATIONS

8400 series

Industrial Mobile Computer

		8400	8470
Communication	Options	BT Class 2 compliance	BT Class 2 compliance IEEE 802.11 b/g
	BT profile	SPP, DUN, HID	
	WLAN security	---	WEP, EAP, WPA (PSK), WPA2 (TKIP, AES, PSK)
Performance	CPU	32-bit	
	Program memory	4MB flash	
	Data memory	4MB/16MB SRAM	
	MicroSD slot	Supports up to 8GB MicroSDHC	
	Main battery	Rechargeable lithium battery: 3.7V, 1800 mAh	
	Working hours[1]	110 hours[2]	35 hours[3]
	Backup battery	Rechargeable lithium battery: 3.0V, 7.0 mAh	
	Data retention	25 days	
Physical characteristics	Barcode reader	Linear imager / Laser / 2D imager	
	Display	160 × 160 display, white LED backlight	
	Keypad	29 or 39 rubber keys, white LED backlight	
	Alert	Two dual-color LEDs (red/green, blue/green), vibrator, volume programmable beeper	
	Dimension L x W x H	170.6 × 72.1 × 40.6 mm / 6.7 × 2.8 × 1.6 in.	
	Weight	295 g / 10.4 oz. laser model including battery	
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	Storage 5% to 95% Operating 10% to 90%	
	Impact resistance	Multiple 1.5 m drops onto concrete, 5 drops on each side	
	Tumbling test	100 cm, 1000 cycles	
	Splash/dust resistance	IP54	
	Electrostatic discharge	±15kV air discharge ±8kV direct discharge	
	EMC regulation	BSMI, CE, C-Tick, DGT/NCC, FCC, KCC, SRMC, TELEC	
Programming	CipherLab Power Suite FORGE Application Generator including data transmission OCX, STREAM Wireless Studio, MIRROR Terminal Emulation, BLAZE C Compiler and BASIC Compiler		
Accessories	Charging and communication cradle, Ethernet cradle, GSM/GPRS cradle (EDGE/Quad-band), modem cradle, 4-slot battery charger, USB charging and communication cable, RS232 charging and communication cable, protective cover		
Warranty	1 year		

1 Based on one standard laser scan per five seconds with backlight off.
2 Batch mode/BT off: 110 hours / BT on is 65 hours.
3 BT off/IEEE 802.11 b/g on. The test is based on one broadcasting packet per second.

TÜV CERT DIN EN ISO 9001

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ACCESSORIES

Charging and Communication Cradle

Protective Cover

4-Slot Battery Charger

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