CIPHERLAB
Smarter

CP55 series



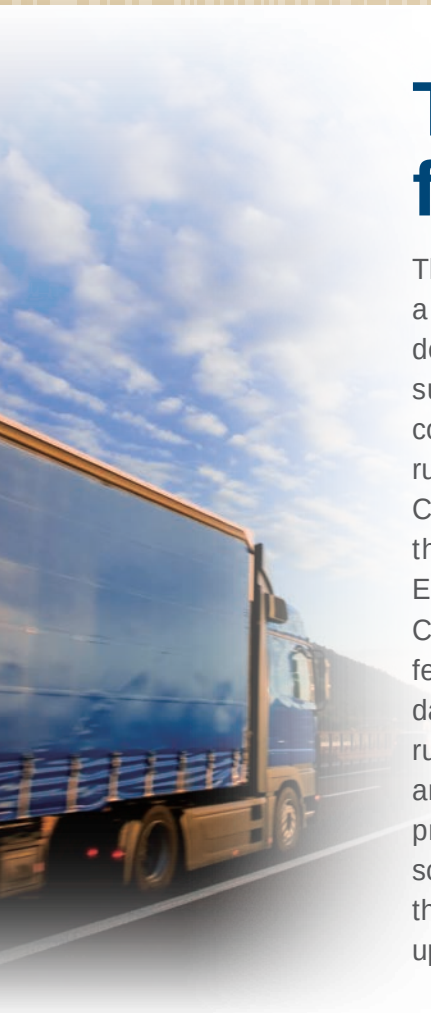
Industrial Mobile Computer

The CipherLab CP55 is specifically constructed for the businesses with demanding applications in the transportation & logistics, manufacturing and warehousing industry and field service. The CP55 successfully extends CipherLab' s product portfolio with its unique features of high performance paired with ruggedness. Equipped with practical features and value-added software, the CP55 offers an intelligent choice for complex applications.

LINEAR IMAGER | LASER | LONG RANGE LASER | 2D IMAGER | 802.11 a/b/g/n | HSUPA | GPS/AGPS | IP65 | 1.5M MULTIPLE DROPS | 5M PIXELS

CP55 series

Industrial Mobile Computer



The Smart and Rugged Choice for Smooth Business

The CP55 series mobile computer is created to offer a smart option for businesses with needs of high demands with just the right amount of protection. It sufficiently provides users a smooth workflow by combining high performance features with adequate ruggedness. The CP55 operates on a high standard CPU with ample processor speed. It also runs on the most updated Microsoft operating system. Equipped with the right amount of ruggedness, the CP55 provides protection for all of its advance features. The new CP55 has high capacity of both data and program memory which ensures programs run quickly and smoothly. The 5 megapixel camera and 3.5" LCD transflective display allow for instant proof of delivery and pickup with an ease to view screen under sunlight. Along with all these features, the software included also brings lots of new and updated benefits for demanding needs.



Top of the Line Processor, Memory Capacity and OS

With many of the software currently being used today all using up a lot of computing power, the CP55 series easily provides a clever solution to this dilemma. The CipherLab CP55 is built with a high standard dual core OMAP™ 4 Processor which has a 1GHz speed to provide smooth application operations. Users will be able to run multiple programs faster, even the complex or intuitive graphics-based ones. Operating on Windows Embedded Compact 7.0, the CP55 is equipped with the most up-to-date Microsoft OS. On top of that, 4 GB flash and 512 SDRAM is included to allow programs to run quickly and smoothly. Having all these specifications will surely help speed up the completion of any task.



Well Equipped with a Range of Versatile Reader Options

CipherLab's CP55 mobile computer is fully equipped with versatile reader options in linear imager, laser, long range laser, 2D imager and HF RFID reader to ensure maximum assistance for all different kinds of scanning needs. The additional benefits of having a 2D imager include 1D and 2D reading capabilities. Moreover, the long range laser enables data collection from a distance in a warehousing or manufacturing setting. You will also be able to read multiple types of symbologies including RFID data with HF RFID reader option.



Smooth Operation with Flexible Wireless Communications



3.75G HSUPA with GPS/AGPS, 802.11 a/b/g/n technology and *Bluetooth*® communication V2.1+ EDR instantly provides quality data transmission in real time. CP55's 3.75G HSUPA allows location-based application, real time dispatching management and vehicle tracking from backend office. 802.11 a/b/g/n provides fast and reliable data transfer for four-wall application. Additionally, the *Bluetooth*® communication V2.1+ EDR can connect the mobile device to a Bluetooth printer for immediate label or receipt printing.

Adequate Protection with Durable Ruggedness



The CP55 mobile computer's ruggedness is carefully and specifically designed for adequate protections. Its rugged IP65 standard is capable of enduring exposure to dust, dirt and water jets. It can withstand 1.5 m drops onto concrete and also endure up to 1,000 tumbles at 0.5 m, which sufficiently ensures good protection with smooth workflow. With specially calculated rugged capabilities, the CP55 proves to be a worthy and durable companion under harsh environments and can greatly improve operational results.

Value-added Software for Quick and Efficient Operation



The CP55 mobile computer is equipped with a load of software tools that make operation quick and efficient. It includes Push-to-talk which makes peer-to-peer communication through WLAN connection simple. App Lock gives you the ability to lock and prevent users to run un-authorized programs. In addition, the MIRROR Browser gives users the ability to lock down specific web applications as well. The CP55 also includes 3rd party programing software tools in Kalipso Mobility Application Generator, SOTI MobiControl, Wavelink Avalanche and Naurtech CETerm to fully customize the CP55 to your specific demands.

KALIPSO Mobile Application Generator for Easy and Quick Customization

A third party application generator software tool designed for Windows®-based mobile computers, KALIPSO Mobile Application Generator helps users customize application needs effortlessly. With free demo programs such as inventory check, order entry, and proof-of-delivery, users could start the applications right away.

App-Lock for Optimized Management over Work Productivity and Performance

App-Lock is designed to empower you with full control over all executable files saved in the CP55. Limited access can be set to essential device settings with pre-approved applications to keep workers focused on the tasks at hand. Setup files can also be copied and deployed to other devices in the field remotely to increase the efficiency of device management.

SOTI MobiControl for Improved Device Management in the Field

SOTI MobiControl enables access to a robust set of features that support remote device management without requiring your mobile computers to be brought back to the office.

MIRROR Browser and Emulator for Extended Data Capture Support

The MIRROR Browser empowers the CP55 to be integrated seamlessly into web-based environments, turning it into an accurate data capture tool for any web-based task. The MIRROR Terminal Emulator allows you to save valuable time by adapting host console output straight to your CipherLab mobile device without redesigning your original applications.

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Performance	Operating System	Windows® Embedded Compact 7, Windows® Embedded Handheld 6.5.3
	CPU	TI OMAP™ 4 Processors 4430 1GHz Dual Core
	Memory	4GB Flash / 512MB LPDDR2 SDRAM
	Expansion	Micro SD card slot (up to 32GB)
	Operating power	Rechargeable 3.7V 3300 mAh Li-ion battery
	Working hours[1]	10 hours
	Alert	Tri-color LEDs, vibrator, speaker
	Interface supported	USB OTG, RS232, and battery Charging
Wireless communication	WWAN	GSM / GPRS / EDGE / WCDMA / HSDPA / HSUPA GSM/GPRS/EDGE: 850/900/1800/1900 ； UMTS/HSDPA/HSUPA: 850/1900/2100
	WLAN	IEEE 802.11 a / b / g / n
	WLAN security	WPA (PSK), WPA2 (PSK), WEP, TKIP, AES, EAP (MD5 CHAP, MS CHAP V2, TLS, PEAP)
	WPAN	*Bluetooth*® Class II, V2.1 with Enhanced Data Rate (EDR)
	Bluetooth® profile	GAP, SDP, GOEP, SPP, OPP, PAN, HID , HSP , HFP, FTP
	GPS	Integrated with A-GPS ready and external antenna connector
Data capture	Barcode scanning	Linear imager / Laser / Long range laser / 2D imager
	RFID read / write	Support ISO14443A and B, and 15693 and SAM slots
	Camera	5 megapixels CMOS with LED flash and autofocus
Physical characteristics	Display	3.5" 480 (W) x 640 (H) VGA / 240 (W) x 320 (H) QVGA transflective TFT color LCD with LED backlight
	Keypad	Numeric or QWERTY keypad with LED backlight
	Size (LxWxH)	182 x 77.5 x 37 mm / 7.17 x 3.05 x 1.46 in.
	Weight (laser including battery)	400g / 14.1 oz. configuration dependent
User environment	Operating temperature	-20°C to 50°C / -4°F to 122°F
	Storage temperature	-30°C to 70°C / -22°F to 158°F (w/o battery)
	Humidity (non-condensed)	Operating 10% to 90% / Storage 5% to 95%
	Impact resistance	SGS certified 1.5 m (5 ft.) multiple drops onto concrete, 5 drops on each side / IP65 / 1000 tumbles at 0.5 m
	Electrostatic discharge	± 15 kV air discharge, ± 8 kV contact discharge
	EMC regulation	CE, Green, BSMI, NCC, SRMC, MII, TLC, CCC
Development support		Cipherlab C++ / .NET, SDK to support Microsoft® Visual Studio 2008
Application software		App-Lock, Button Assignment, GPS Viewer,Push-to-talk, Reader Configuration, Signature Capture, Terminal Emulation, CipherLab MIRROR Browser, Kalipso Mobile Application Generator, Naurtech CETerm, SOTI MobiControl, Wavelink Avalanche and Emulators, Mirror Browser
Cradles		Charging and communication cradle, snap-on vehicle cradle
Accessories		Snap-on cable (USB/RS232), snap-on vehicle charger, protective cover, belt holster with shoulder strap, pistol grip, 4 slot battery charger
Warranty		1 year

1. Minimum 10 hours under WLAN and laser scanning per 20 seconds, LCD 50% backlight and speaker on (volume is default) at 25°C, RFID off / *Bluetooth*® off / IEEE 802.11 a / b / g / n on. The test is based on one braodcasting packet per second.
2. The mobile computer has received general telecommunication certification for data communication. Please check with your local carrier for the optimum operating efficiency.

ACCESSORIES



Charging and communication cradle



Snap-on cable



Protective cover



Snap-on vehicle charger



Snap-on verhicle cradle



Belt holster with shoulder strap



Pistol grip



4-slot battery charger

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