

SPECIFICATIONS

# 9400 series

## Industrial Mobile Computer

CipherLab 9400 and 9500 are both rugged, Windows-based mobile computers, ready to go to work for you.



	Model	9400	9470	9480	9490
<b>Performance</b>	Operating system	Microsoft® Windows® CE 5.0 Professional			
	CPU	Intel® XScale™ PXA270 @ 520 MHz			
	Memory	128MB Flash ROM / 128MB SDRAM			
	Expansion	Mini SD® slot			
	Operating power	Removable, rechargeable 3.7 V 1800 mAh Li-ion battery			
		Adapter: AC 110 V / 220 V input, DC 6 V / 3.3 A output via cradle			
	Working hours <sup>1</sup>	10 hours batch mode		8 hours WLAN mode	
	Backup power	3.7 V 70 mAh Lithium battery			
		Data sustained 20 hours minimum			
Alerts	Audio speaker / Vibrator / Tri-color LEDs				
Microphone	via Bluetooth or wired headset				
<b>Wireless Communication</b>	WLAN	-	Wi-Fi 802.11 b/g 250 m line of sight <sup>2</sup>	-	Wi-Fi 802.11 b/g 250 m line of sight <sup>2</sup>
	WPAN	Bluetooth Class 2			
	WWAN	-	-	GSM/GPRS/EDGE (Quad-band) for data only	
<b>Data Capture</b>	Barcode scanning	Linear imager / Laser / 2D imager			
	RFID reader/writer	Frequency: 13.56 MHz Supported tags: ISO 14443A, ISO 14443B, ISO 15693, Tag-it			
	Digital camera	2 megapixels CMOS			
<b>Physical Characteristics</b>	Display	3.5" Color VGA or QVGA, TFT transreflective, touch screen, LED backlit			
	Keypad	28 shared or 59 full alphanumeric LED backlit keys			
	LED	Green, red, blue tri-color			
	Size (L x W x H) Weight	170 x 90 x 38 mm / 6.7 x 3.5 x 1.5 in 400 g / 14.1 oz., (configuration dependent)			
<b>User Environment</b>	Operating temperature	-10°C to 50°C / 14°F to 122°F			
	Storage temperature	-20°C to 60°C / -4°F to 140°F			
	Humidity	5% to 95% non-condensing			
	Impact resistance	Multi 1.5 m / 5 ft. drops onto concrete, 5 drops on each side / 2000 tumbles (50cm / 20 in. in height) / IP64			
	Electrostatic discharge	± 15 kV air discharge; ± 8 kV direct discharge			
EMC regulation	CE, FCC, RSS-210, TELEC, C-Tick				
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				
Communication cradle	USB Client / USB Host				
Accessories	Vehicle cradle, travel charge and communicate cradle, rechargeable battery pack, belt holster, pistol grip, protective cover, stylus				
Warranty	1 year				

### ACCESSORIES



**Charging and Communication Cradle**  
USB client / USB host



**Vehicle Cradle**



**Travel Cradle**



**Pistol Grip**



**Belt Holster**



**Protective Cover**



**USB Ethernet Adapter**

<sup>2</sup> Effective coverage depends on user environment and equipment deployment. It is highly recommended to conduct a site survey before actual deployment.  
<sup>1</sup> Based on one standard laser scan per five seconds with backlight on



DIN EN ISO 9001

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