

# C520

Detailed specifications,  
software features,  
package components



Mio Technology Europe  
[www.mio-tech.be](http://www.mio-tech.be)

Hardware		
<b>CPU</b>		400Mhz
<b>Display</b>	<b>Type</b>	4.3" Color Transflective LCD With Touch Panel
	<b>Resolution</b>	480 x 272 pixels
<b>Memory</b>	<b>ROM</b>	1GB
	<b>RAM</b>	64 MB SDRAM
<b>GPS</b>		SiRF GPS III module built-in (20 channels) Support Ephemeris table and downloads via USB. Patch antenna with LNA on board, support external antenna jack 1. Embedded type 2. Connector for extend antenna
<b>Input / Output</b>	<b>Cradle connector</b>	18 pin for connector (power-in 1, mic 1, speaker-out 2, TMC 2, DR 8, GND, ID)
	<b>Microphone</b>	Yes
	<b>Touch Panel</b>	Resistive type Touch panel, sun light protection
	<b>Input Method</b>	On-Screen Keyboard
	<b>Speaker</b>	Built-in loud speaker(1 Watt)
	<b>Headphone</b>	2.5mm jack
	<b>SD / MMC</b>	For SD / MMC cards
	<b>TMC</b>	Optional
	<b>BT</b>	BT2.0 - Ftp profile (auto sync with "MioSync" for patch/content update) - Headset/hands-free profile (car kits) - A2DP - Object push
<b>USB</b>		USB 2.0
<b>Buttons Top of Unit</b>		Power on/off on top
<b>Indicator</b>		LED (Dual Color) → Battery Charging – Amber ( Static) → Battery Full -- Green ( Static ) → Power on – Green (flash) until screen come out BT (Blue Led) → Enable – Blue (flash)
<b>Battery</b>	<b>Type</b>	Built-in Lithium battery cell, 1300mAh
	<b>Active</b>	1. GPS function with default backlight on full power mode is up to 4.5 hours 2. backlight off with earphone playback MP3 for 8.5hrs
<b>Charging</b>	<b>Charger</b>	Charger module
	<b>Time</b>	< 4~5 hours
<b>AC to DC Adapter</b>	<b>Input</b>	100~240VAC
	<b>Output</b>	5VDC, 1A
	<b>Connection</b>	Mini USB type adapter

<b>Certification &amp; Regulation</b>		FCC, CE, Ctick, E-mark, Canada test report (RSS-310), Environmental test report	
<b>ROHS and WEEE compliant</b>		Yes	
<b>Physical Characteristics</b>	<b>Dimension</b>	Landscape Type ~ 126mm (width) x 81 mm (height) x 14.5mm~19.9mm (depth)	
	<b>Weight</b>	~ 190 g	
<b>Environment Conditions</b>	<b>Temperature</b>	<b>Operation</b>	10~45° C with AC-in 0~45° C with battery discharge range 0~35° C with battery charging
		<b>Storage</b>	-20~60° C battery storage maximum temperature
	<b>Humidity</b>	<b>Operation</b>	0~90%, Non-Condense
<b>Software</b>			
<b>Operation System</b>		Microsoft Windows → CE .Net 5.0	
<b>Other AP</b>		<ul style="list-style-type: none"> <li>- Picture viewer</li> <li>- MP3 player</li> <li>- Contacts</li> <li>- Calculator</li> <li>- File manager</li> <li>- POI loader</li> <li>- MioTransfer</li> </ul>	
<b>Standard Package Accessories</b>			
Power cradle			
Mini USB Cable (for PC connection)			
Car charger			
Windshield mount			
Carrying Case			
AC adapter			
<b>Optional Accessories</b>			
TMC Cradle			
Neoprene handbag			
Bike holder			
Gooseneck Long Sucker stand -Non magnetic			
Gooseneck Short Sucker stand -Non magnetic			
Motor bike holder			
GPS Antenna			
Mem 1GB SD CARD MioMap v3 USA & Canada Maps			
Mem 256MB SD CARD MioMap v3 Australia Maps			

Mem 256MB SD CARD MioMap v3 Eastern European 2006.01 Maps - 18 countries	
Clean Cloth	
Screen Protector 3.5" 10 pcs	
Stereo headset 2.5mm	
<b>Additional features</b>	
<b>Wide-screen navigation</b>	Full map view and split-screen route information
<b>Hands-free calling</b>	Hands-free calling when combined with a <b>Bluetooth®</b> wireless technology enabled phone
<b>Tele Atlas maps of Western Europe pre-installed</b>	22 countries: Andorra, Austria, Belgium, Denmark, Finland, France, Germany, Gibraltar, Great Britain, Italy, Ireland, Lichtenstein, Luxemburg, Monaco, Norway, the Netherlands, Portugal, San Marino, Spain, Sweden, Switzerland, Vatican City
<b>Detailed spoken instructions in 14 languages</b>	Danish, Dutch, UK English, US English, Finnish, Flemish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish, Turkish
<b>Safety (speed) camera warnings</b>	Audio and visual warnings for the known locations of fixed safety cameras as well as likely locations of mobile safety cameras (only when allowed by law)
<b>Free Safety camera database update for 1 year</b>	Free safety camera database updates for 1 year from the moment of registration on the <a href="http://www.mio-tech.be">www.mio-tech.be</a> website
<b>POI with phone numbers</b>	Thousands of Points of Interests (POIs) in easy to use categories: petrol stations, restaurants, hotels, parking and more. Many of the POI's have a telephone number
<b>POIs along your route</b>	You can now choose to display only the desired route
<b>Smart POI search</b>	Type in the name of a petrol station chain, a movie theatre or a tourist attraction, and the nearest POI with that name will be shown
<b>Clever predictive keyboard</b>	This new feature makes it easier to enter your address by only showing you the letters on the keyboard that correspond to the remaining city or street names
<b>Simple, intuitive navigation</b>	Large buttons, clear icons and intuitive user interface make the C520 very simple to use
<b>Quick Route Calculation</b>	The C520 is always quick, whether responding to your commands, calculating a new route or zooming in on the map
<b>Favourites and History</b>	Store the addresses of your favourite locations, or quickly find the places you've visited before
<b>Informative display</b>	All the journey information you need is shown: estimated time and distance to destination, battery and signal status
<b>Speed Limits</b>	Speed limits are shown at all times for the road you're currently travelling on
<b>Routing Options</b>	Choose between fastest, shortest or economical route – and avoid toll roads or ferries
<b>Versatile user profiles</b>	Car, Pedestrian, Bicycle, Lorry, Taxi, Bus, Emergency
<b>MP3 player &amp; Photo viewer</b>	Listen to your favourite tunes on your C520 or watch your photos on the go