

i-mate™ PDA-N



Microsoft® Windows Mobile™ 5.0
Pocket PC Edition
300Mhz CPU
128MB ROM
32MB RAM
64k Colour Transflective LCD
Bluetooth Compatible
Embedded GPS Receiver
Built in Wi-Fi
SDIO/MMC card slot



i-mate™ are specialists in Windows Mobile™ device solutions and are dedicated to the collaborative design and development of fully certified, wireless handheld devices. i-mate™'s cutting edge, customer-centric solutions offer the latest technology and device features. Its strategic relationship with Microsoft® provides customers the ultimate mobile experience for business, for pleasure, for life, with value-added services such as Hosted Exchange email, mobile security with Pointsec®, anti-viral support with Computer Associates® eTrust Antivirus, and exclusive interactive games from www.clubimate.com, the i-mate™ device-owner dedicated website. Club i-mate™ provides 24/7 technical support and value-added offerings such as subsidised software and systems updates to help customers take full advantage of their i-mate™ devices.

Every i-mate™ device comes packed with advanced features including Windows Media™ Player, MSN® Messenger, Pocket Outlook®, Word and Excel, and Skype™* (VoIP calling) on all Wi-Fi capable models. Digital pictures are a snap, with video and audio recording equally easy to use on all i-mate™ devices.

* Not available in some countries



Carrier Devices ME FZ-LLC Office No. 207 - 213, Building 11, PO Box 500085, Dubai Internet City, Dubai, UAE
Tel: 00 971 (0) 4 390 1989, fax: 00 971 (0) 4 390 1989; Email: contactus@imate.com
www.imate.com

i-mate™ PDA-N Specifications



Features

Platform

- Microsoft Windows Mobile 5.0 Pocket PC Edition

Dimensions

- 109.7mm(H) x 59.4mm(W) x 17.6mm(T)
- Weight: less than 150g

Processor

- Samsung 300Mhz

Memory

- 64/ 128MB embedded Flash ROM
- 32MB embedded SDRAM

LCD Module

- 2.8" 240x320 pixels resolution
- 64K - colors Transmissive TFT-LCD
- LED backlight support
- Sensitive touch screen

Hardware Button & switch On Side

- One Voice recorder button
- One POWER button
- Reset switch

On Bezel

- One 5-way navigation pad
- 2 soft-key
- 2 programmable AP buttons
 - GPS Launch
 - GPS Launch button (when GPS is embedded, press button will start/stop both GPS HW and SW at same time)
 - Today
 - Today button (when GPS is embedded, press button will return to Today's screen)

Notification

- One Bi-color LED for PDA notification, PDA charging status
- One Tri-color LED for in the second lens for Bluetooth (Blue)/WiFi (Green) and GPS (Orange) status

Audio

- Built-in Microphone
- Loud speaker
- Stereo earphone/mono earphone + microphone jack (3.5 Ø)
- Full duplex
- Audio sampling rate
 - 16-bits with 8KHz, 11KHz, 22KHz, 44.1KHz

Interface

- One infrared port IrDA SIR
- One SDIO/MMC card slot
- One Audio jack (3.5 Ø)
- MiniUSB connector

GPS

- Embedded GPS antenna
- Support NMEA 0183 version 3.0 or above
- WAAS-enabled, 12 parallel channel GPS receiver
- Acquisition time
 - Hot start: 8 seconds, typical TTFF
 - Warm start: 35 seconds, typical TTFF
 - Cold start: 45 seconds, typical TTFF
- Update rate: user configurable once/1sec, once/10sec and once/30sec continuous
- GPS Accuracy
 - Position: < 15 meters, 95% typical
 - Velocity: 0.05 meter/sec steady state
- WAAS Accuracy
 - Position: < 5 meters, 95% typical
 - Velocity: 0.05 meter/sec steady state

Stylus

- Lock type mechanism

Power

- Battery
 - Removable rechargeable Lithium-Ion battery, 1,130mAh [TBD]
 - GPS mode: > 5 hrs
 - Standby time: > 200 hrs
 - WMV playback: 8 hrs
 - WMA playback: 12 hrs
 - Battery recharge time: < 4 hrs
- AC Adapter
 - AC input: 100~240V, 50/60Hz
 - AC input current: 0.2A max
 - AC output: 5V/ 1A

Device-to-Device Connectivity

- Infrared IrDA SIR
- Bluetooth
 - Compliant with v1.2
 - Class 2 transmit power

WLAN

- IEEE 802.11b compliant
- WLAN Antenna: internal
- 11, 5.5, 2 and 1 Mbps per channel, auto fallback for extended range
- Encryption: 64-, 128- bit WEP standard dataencryption

Windows Mobile PPC Edition Applications

- Microsoft Pocket Outlook: Inbox, Contacts, Calendar, Tasks, Notes
- Microsoft Pocket Word
- Microsoft Pocket Excel
- Microsoft Pocket Media Player
- Microsoft Pocket MSN
- Microsoft Pocket Internet Explorer
- Microsoft ActiveSync

- Games
- Calculator
- Voice Notes
- MS Picture
- PowerPoint Mobile

Value Added Applications

- Multimedia support format
- Audio: WAV/ WMA/ AMR/ MP3
- Video: M-JPEG/ WMV
- Voice Record
- ZIP
- GPS Navigation software [optional]

