

WP0004 DataSheet



Windows Mobile 5.0[®] SIP-Based

Hardware Specification

- :: Texas Instruments OMAP 730 Processor
- :: 1.9 inch 176x220 TFT LCD
- :: Built-In Microphone/Speaker
- :: 2.0M Pixel CMOS Camera
- :: Dimensions: 107 x 45 x 16 mm

GSM/GPRS Specification

- :: Quad-band: 850/900/1800/1900MHz
- :: GPRS Class 10
- :: SIM Card
- :: FTA/CTA/FCC/CE Certification

GSM/WLAN Convergence Features

- :: Simultaneously Active GSM/GPRS and WLAN Radio Interfaces
- :: Incoming Calls from Both GSM and WLAN/VoIP
- :: Automatic and Manual Switch for Outgoing Voice Calls between GSM and WLAN
- :: Automatic and Manual Switch for Data Applications using GPRS or WLAN
- :: Unified Phone Book

Power Management

- :: 1100 mAh Li-Ion Battery:
- :: 4 Hours Talk Time
- :: 100 Hours Standby (both GSM and WLAN are active)

Peripheral Support

- :: USB Slave
- :: T-FLASH Memory

WLAN Specification

- :: Wireless Access Protocol: IEEE 802.11b/g
- :: RF Channels: US: 11, ETSI: 13, Japan: 14
- :: Security: WEP/WPA/802.1x
- :: Power Saving Modes
- :: Fast Roaming between Access Points
- :: Quick and Easy Search of APs

VoIP Support

- :: SIP: IETF RFC 3261
- :: Codecs G.711, G729a/b, G.723
- :: Dynamic Jitter Buffer
- :: Voice Activity Detection

Security

- :: Support VPN (IP Sec.)
- :: Support IP Sec/IKE NAT Pass Through

Phone Setting

- :: Phone Lock
- :: Phone Mode: Normal, Meeting, Office, Car, Custom
- :: Call Connect Alert
- :: Minute Alert
- :: Low Battery Alert
- :: Volume Adjustment: Speaker/Receiver



Data Application Features

- :: SMS & MMS
- :: WAP Browser
- :: Outlook Email
- :: Embedded Internet Explorer
- :: Pocket MSN

Call Features

- :: Call Hold/Forward/Transfer/Waiting
- :: 3-Way Conferencing
- :: Phone Book
- :: Incoming Call Prompt with Picture
- :: Call Mute
- :: View Phonebook during Call
- :: Enter Sketch Pad during Call
- :: Adjust Volume during Call
- :: Speed Dial
- :: Manual/Auto/Earphone Redial
- :: Call History

FMC Support

- :: Seamless GSM and VoIP handover (manual & automatic)
- :: Support leading FMC partners' servers

Camera

- :: Shortcut Key
- :: 2.0M Pixel CMOS
- :: 4 level digital zoom (depends on display size)
- :: Self Timer
- :: Burst Mode
- :: Support Environment/Effect (Normal, Monochrome, Night, Sepia)
- :: 7-level Brightness Control

Multimedia Features

- :: Windows Media Player
- :: Support Sound Format: MP3, wma,
- :: Support Video Format: MP4, ASF, WMV, AVI
- :: Support Picture Format: Jpeg, GIF, BMP

PIM Features

- :: Calendar
- :: Alarm Clock
- :: Voice Recorder
- :: Microsoft ActiveSync[®] compatible

Other Features

- :: Calculator
- :: File Transfer
- :: Voice Notes
- :: Tasks list