

# MWGP

Telsey MWGP is a multimode GSM 900, DCS1800/1900 802.11b phone supporting operators addressing Fixed to Mobile Convergence Services.

## KEY FEATURES

- > Screen: TFT LCD2.0 inches
- > Triple band solution GSM 900, DCS1800/1900, 802.11b
- > GSM + VoWLAN dual Standby
- > Support 802.11 power save
- > Support 802.11e(QoS), WEP64, WEP128, TKIP, AES, IBSS or infrastructure mode
- > Support GSM SIM tool kit
- > 32 Polyphonic
- > Vibrator
- > Multi-language support
- > Zi smart Input
- > MP3/MIDI player
- > MP3 Ring tone
- > HTML Browser



## TECHNICAL CHARACTERISTICS

## GENERAL COMPLIANCES

- > Comply with GSM standard
- > Comply with IEEE 802.11b,e,i

## GSM SUPPORT

- > Voice call
  - > SMS (160 English, 70 Chinese)  
English, Traditional Chinese
  - > Short key
  - > FDN
  - > USSD
  - > Unstructured supplementary service data
  - > Cell broadcasting
  - > STK (SIM tool kit)
- > SS:
    - > Caller ID
    - > Call hold
    - > Call forwarding
    - > Call waiting
    - > Call barring (Incoming Call)
    - > Multi-party call

## VOWILAN SUPPORT

- > WiFi 802.11b
    - > Output power: 15dBm typical (TBD)
    - > Sensitivity: -80dBm @ 11Mbps
  - > Operation ranges: up to 100 meters (LOS)(TBD) G.711
  - > Voice call
    - > Codec G.711u, G.711a, G.723, G.726, G.729ab
    - > Acoustic Echo Cancellation
    - > Voice Activity Detection / Comfortable Noise Generation
  - > Make 2nd call (first call on hold)
  - > Call waiting/ call transfer/ call forwarding / 3-way conf. call
  - > Call redial
  - > Call reject
  - > WiFi Security
    - > WEP 64/128
    - > WPA-PSK TKIP/AES
    - > WPA2-PSK TKIP/AES
- > WiFi IP configuration
    - > DHCP
  - > SIP configuration
    - > Codec selection
    - > SIP PING Interval
    - > STUN on/off
    - > AEC & CNG on/off
  - > Data application
    - > HTML Browser
    - > Email
    - > Instant Message (SIP based)
  - > Provisioning
    - > USB
      - > WiFi/SIP Profile Setting
      - > WiFi Driver

## DISPLAY

- > TFT LCM 2.0" with QCIF (176x220) resolution
- > Audio system
- > 32 Polyphonic

## KEYPAD

- > 21 Keys Layout, 3 Side keys

## I/O PORT

- > 18 pins system connector (USB1.1)
- > Earphone Jack

## POWER SUBSYSTEM

- > 1100mAh Li-ion battery
  - > 5.3V, 300mA AC Adapter (110/220VAC)
  - > Charging Time 4 - 5 Hours
  - > Standby Time up to 200 Hours(GSM only)
- > VoWLAN listening Mode: 50Hours or better
  - > Talking Time: 5 Hours(GSM only)
  - > VoWLAN talking time: 4 Hours

## PHYSICAL DIMENSIONS

- > 108(L) x 46 (W) x 19 (H) mm

## CERTIFICATIONS

- > Europe(900/1800)
    - > R&TTE
    - > ETSI 301 511 for European Digital Cellular Telecom System(for RF)
    - > EMC EN 30-1 489-1/7
    - > Safty: EN60950 ed 3(2000)
    - > SAR Value<1.0GCF
    - > GSM Certification Forum(GCF) Approval (GCF3.1X)
    - > GCF Field Trtial(optional)
  - > Directive 1999/5/EC
    - > EN 300.328
    - > EN 301.489.1
    - > EN 301.489.17
- > Emission
    - > EN 55022, class B
    - > CISPR22, class B
    - > EN 300 328
    - > CFR47, Part 15, Subpart B, 1999, class B
  - > Immunity
    - > CISPR24
    - > EN 55024
    - > EN50082-1
    - > EN 301 489-1 & -17

## Disclaimer

All statements, technical information and recommendations contained in this documentation have been carefully checked for reliability; however no responsibility is assumed for inaccuracies. The information contained in this documentation is subject to change without notice.