

Samsung SMT-W6100

The Samsung SMT-W6100 Wi-Fi Phone enables VoiceDirector customers to place and receive low-cost calls over Wi-Fi networks

Wi-Fi Solution

With the Samsung W6100, VoiceDirector callers can save in any number of Wi-Fi environments, including:

- **Corporate Settings**

Businesses can reduce communication costs wherever they utilize Wi-Fi networks, including headquarters, satellite and home offices.

- **Public Hotspots**

The phone's built-in browser enables callers to easily access both open and paid hotspots. Callers can take advantage of these hotspots to make and receive low-cost calls when they are away from the office.



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Feature-Rich Calling

The Samsung W6100 supports a number of popular calling features, such as:

- VoiceMail
- Caller ID
- Call forwarding
- Reach me
- Call waiting
- Speed dial
- Do not disturb
- Automatic callback
- Anonymous call blocking

Standards-Based Compatibility

With the Samsung W6100, calls can be made through Wi-Fi networks that comply to either the 802.11b or 802.11g standard. Both standards apply to Wi-Fi networks operating in the 2.4 GHz spectrum.

Samsung SMT-W6100 Specifications

Hardware Specifications

Speakerphone	Half duplex
Earphone Jack	10 pin
Processor	Broadcom BCM1161 (156 MHz)
Display	1.5 inch LCD, STN; 65K colors, 128 x 128 pixels
Memory	32Mbyte SDRAM, 32Mbyte NAND Flash (expandable to 64Mbyte), SIM card reader interface
Battery	1000 mA (3.8V) lithium ion, 40 hours standby, 4 hours talk time, 3.5 hours charging time

Software Specifications

Audio Codec	WMA (Internet Radio, Mono Sound, 20Kpbs, sampling rate - 22.05 KHz)
Music	40 Polyphonic Melody (MIDI)
Voice	Wideband: ITU-T G.722 Narrowband: ITU G.711 u-law/G.711 A-law ITU-T G.729 A/ G.729 B
Languages	English, Spanish, French, German, Italian

Standards and Protocols

Protocol	IEEE 802.11g
QoS	IEEE 802.11e (EDCA)
Security	WEP/WPA/WPA2

RF Specifications

Data Rate	1/2/5.5/11/54 Mbps
Frequency	2.4 GHz ISM Band (1-13 CH)
Output	802.11b (CCK): 18.0 +/- 1.0 dBm 802.11g (OFDM): 18.0 +/- 1.0 dBm
Sensitivity	802.11b (CCK): -87 dBm 802.11g (OFDM): -72 dBm
Delay	802.11b (CCK): 200 ns 802.11g (OFDM): 100 ns

Physical Specifications

Dimensions	162 x 140 x 78 (mm)
Weight	Approximately 108g

For more information on VoiceDirector, please visit www.voicedirector.net