



WELL ST100



Wi-Fi VoIP phone WELL ST100 has got an optimized Wi-Fi chipset with high quality of the relayed voice. It has been developed on the basis of international norms for wireless LAN AP and SIP systems of the IEEE 802.11 b/g standard. The phone also supports WEP, WPA, WPA2, and other safety formats.

VoIP Wi-Fi phone WELL ST100 disposes of extremely long lifetime, excellent reach, elegant design and a big nine-line colour display.

Contrary to commonly known Wi-Fi phones, this WELL phone has got essentially optimized consumption rate. Thanks to that you can be **continually calling for up to 9 hours!*** It can maintain **in stand-by mode almost for 7 days***, which is nearly 3 times more than other competitive products of the kind.

WELL ST100 is significantly **sensitive to Wi-Fi signal reception** not only in open spaces, where it can receive a signal up to 280 metres far from the Access Point, but also in buildings. In addition, it works in so called **roaming** which enables a customer to wander with the phone between individual Wi-Fi access points (in WDS mode) without the need to terminate the call.

This IP phone operates in 802.11 b/g standard, it is very **thin and light**, and it has got modern design. It is equipped with **a big nine-line colour LCD display** of 256 thousand colours and 2.0" TFT. Another advantage lies in its **Wi-Fi safety functions**; authentication of Wi-Fi AP can take place due to MD5 or 802.1x standard. Data can be decoded by virtue of WEP, WPA or WPA2 protocols.

In contrast to DECT phones, VoIP Wi-Fi phone can be easily used anywhere where there is a wireless internet access: in department stores, hotels, restaurants, coffeehouses, petrol stations, etc.

The phone is an excellent choice due to its quality-price-service-exclusiveness ratio!

*Battery lifetime can be influenced by several factors, the most important ones are:

- 1/ Quality of Wi-Fi signal from an AP/a router. The worse quality, the higher power consumption.
- 2/ Setting of IP server or communication of PBX with the phone. The more often the registration is repeated, the higher the power consumption gets.
- 3/ Phone profile setting. Ringing without vibration or the quiet mode cause lower power consumption.

TECHNICAL FEATURES

Data interface	WiFi 802.11 b/g, WEP/WPA-PSK/WPA2-PSK, 802.1x (TTLS/PEAP/MD5)
10/100 Mb/s, ethernet	No
Network services	Fixed IP, DHCP
NAT (Network Address Translation)	No
QoS	802.11e WMM/WMM-PS
VoIP standards	SIPv2
Codec support	G.711a/u, G.729a/b
Peer-to-Peer Mode	No
Display – number of signs	2.0" TFT LCD; 176x220pixel; 256,000 colours
SIP accounts	4
Speaker phone (Hands-Free), with adjustable loudness	Yes
Headset possibility	No
Loudness settings of ringing and the talk	Yes
Number of ringing tones	24
Ringing tones import	Ne
Date and time view	Yes
Phonebook – numbers and names	500
Dedicated hard keys (fast calling)	100
Memory – incoming calls	60
Memory – outgoing calls	60
Memory – missed calls	60
SRTP (secure RTP)	No
Voice Activity Detection (VAD)	Yes
Comfort Noise Generator (CNG)	Yes
Call forward (CFU, CFNR, CFB)	Yes
Call hold	Yes
Caller identification	Yes
Dual-tone multi-frequency (DTMF)	Yes
Call Waiting	Yes
Call transfer	Yes
3Way conference	Yes
Automatic redial	Yes
Mute	Yes
Status indication by LED diodes	No
Upgrade firmware possibility	Yes – web, provisioning
Auto-configuration	Yes
Power adapter	5V, 1.0A, battery – 3.7V 1050mAH Li-ion
Management	Through the phone and web
Dimension and weight	138 x 48 x 15,2 mm, 99g
Note	Supports Roaming (WDS); participates in a conference but cannot initiate it
Guarantee	2 years