

Bosslan **Wi-Fi Phone BOSST51**

Completely IEEE 802.11b wireless Standard compatible, this is the perfect solution for voice over IP applications.

Make or receive phone calls without paying expensive communication fees. Experience the convenience of wireless mobility.



Specifications

Phone System

Dimensions (HxWxD)	108 x 41.7 x 19.1 mm
Weight	80g
Battery	Rechargeable Li-ion 3.7V Battery, 1000mA
System Interface	Configuration USB1.1 Device, UART
	Audio 2.5mm Earphone Jack (MIC & Receiver)
	Charging Cradle
Keypad	Total 21Keys, Including 4 soft-key 4 rocker switch keys w/select key
Display	LCD: 1.4" inch B/W STN 96*65 LCD, backlight
	LED: Link / Incoming call indication
Battery & Communication Time	Talk time: 3.5 hours / Standby time: 60 hours
Accessories	Earphone (optional), Charger Cradle, Adapter, Dual Interface (USB & UART) cable (optional)

MMI (Man Machine Interface)

Phone Book	200 Memories (Name & URI)
Call History	Incoming Call – Answered: 10, Unanswered: 10 / Outgoing Call: 10
Multi-Language	Japanese / English / Simplified Chinese / Traditional Chinese (optional)
IP Configuration	Static IP / Dynamic IP (DHCP)
Firmware Upgrade	FTP Client / Serial Console via USB
Status Display	Power Charge Status / Call Status / Signal Strength / Battery Level / Clock

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WLAN Interface

Media Access Control	CSMA/CA / IEEE802.11b Compliant
Data Rate	11, 5.5, 2, 1 Mbps
Coverage Range	Outdoors: 300+m / Indoors: 100+m
Frequency Band	2.4GHz – 2.497GHz
Modulation Techniques	DSSS, CCK (11Mbps, 5.5 Mbps) / DQPSK (2Mbps) / DBPSK (1Mbps)
Transmit Power	16±0.5dBm+2dBi (with chip antenna)
Sensitivity	<-76dBm@11Mbps

Call Service

Call Control Protocols	SIP-RFC 3261 (and 2543) conformant UA, STUN RFC-3489 SDP-RFC 2327
Media Protocols	RTP –RFC 1889
Call Features	Call Setup/ Tear Down, Call Transfer, Calls Handling, Call Timer, Call Forward, Instant Messaging, Presence Caller ID and name tag, Redial through last dialed numbers, Call from phonebook and call history , Call Hold/Resume
Audio	G.711 A- μ law, G.723.1 (optional), G.729AB, Echo Canceller, DTMF(in/out band), Packet Loss Concealment, VAD and Comfort Noise, Volume Control
Tone	Dial Tone / Busy Tone / Call-Waiting Tone / Ring-Back Tone / Network Busy Tone
Call Arrival Alert	Ringer, Volume-adjustable, Customized Ring Tone, Vibration Text messaging (depend on supporting of router/ server)

Environmental Specifications

Temperature Range	0°C to 40°C (32°F to 104°F) – operational
Humidity (non-condensing)	20% ~ 90% typical
Regulatory, Safety	VCCI/TELEC/PSE/FCC/UL/CE

