



IOP-WPD-2409-B2

Industry WiFi SIP Phone

IEEE 802.11bg



V 1.1



Product Introduction:

Wireless roaming

- Support wireless IEEE802.11b/g standard and SIP Protocol

High-speed transmission

- 54Mbps high-speed data transmission

Comfortable voice

- G.711& G.729a/b audio code, with high quality voice, low time lag, better stabilization
- Support VAD (Voice Activity Detection)/CNG (Comfort Noise Generation)/ JB(Jitter Buffer)/ AEC (Acoustic Echo Cancellation)

Specification

Item	Content
Main Processor	Atheros HS22
Display	1.8 inch 128*160 32K
Dimensions(H*W*D)	121x 59 x 28.5mm
Weight	200g
Charger	Block-charger/ Battery block-charger, 5V 1A DC input
Battery	1500mAh Lithium Manganese battery (Removable)
Keypad	Total 24 keys (including SOS, PTT and flashlight keys)
Backlight	8 LED key backlights/4 charge indicator lights
Protection Class	IP54
External Headset	Support (Optional)
Accessories	Quick Start Guide



Technical Parameter

Item	Content
MAC	IEEE802.11b/g
Data Rate	1-54Mbps
Frequency Band	2.4GHz
Modulation Techniques	DSSS: CCK (11Mbps, 5.5 Mbps) / QPSK (2Mbps) / BPSK(1Mbps)
Transmit Power	≥17dBm
Sensitivity	< -76dBm@11Mbps (subject to the actual test value)
Coverage Range	Outdoors: 300m / Indoors: 50m
Security	WEP(64/128 bits) / WPA-PSK /WPA2/WPS
Auto connection	Support storing 8 AP settings and automatically searching and connecting loop
Audio	G.711&G.729a/b
IP Configuration	Static IP / Dynamic IP (DHCP)
PTT	Support PTT cluster intercom (With Server Support)
One Key Alarm	Support SOS call (With Server Support)
SMS	Support English/Chinese short message and mass texting (With Server Support)
P2P	Support
Settings Protection	Password protection for setup menu



Ping function	Support
Keypad lock	Support lock and unlock
Flashlight	Support
Firmware Upgrade	WiFi wireless

Features

1. Data record

- ✧ Phone book function, support setting individual ring tones.
 - ✧ Dialed calls;
 - ✧ Missed calls;
 - ✧ Received calls;
 - ✧ Support editing and storing record;
 - ✧ Quick search for phone book contacts;
 - ✧ Talk time indicator;

2. Call control

- ✧ One key dialing;
- ✧ Speed dialing;
- ✧ Second dialing;
- ✧ Call forward;
- ✧ Call hold;
- ✧ New call;
- ✧ Call mute;

3. Dialing mode

- ✧ SIP account dialing;
- ✧ P2P dialing, i.e. IP address dialing;
(available without server)

4. Answer mode

- ✧ Earpiece
- ✧ Headsets

5. Ringing mode

- ✧ Ring tone mode
- ✧ Vibration mode
- ✧ Ring + vibration mode

Loud ring tone with backlight flashes prompt



6. SMS

- ✧ Chinese / English SMS editing, sending and receiving;
- ✧ Custom group list;
- ✧ SMS group sending;

7. Utilities

- ✧ Stopwatch
- ✧ Calculator
- ✧ Calendar
- ✧ Time display under power off situation / set time synchronization
- ✧ Flashlight

8. PTT and SOS function

PTT cluster intercom

- ✧ Pre-construction group call
- ✧ Temporary group call
- ✧ Temporary group callback
- ✧ Person to Person call

SOS one-key alarm

9. PING test

- ✧ Manually PING IP
- ✧ PING network automatically
- ✧ PING DNS automatically
- ✧ PING SIP Server automatically
- ✧ PING SIP Proxy automatically
- ✧ PING STUN Server automatically

10. Firmware Upgrade

- ✧ WiFi wireless

11. Power Management

- ✧ Standby power indicator
- ✧ Low power voice prompt
- ✧ Charging mode:
 - * Block-charger / Battery block-charger mode
 - * Standard USB charging