



Waterproof WiFi SIP Phone

Model : IOP-WPD-2409-A2



Special reminder: WiFi Phone mobile phone antennas, has changed to replace the SMA connector antenna



VE 1.1



Product introduction

IOP-WPD-2409-A2 is an industrial-strong multi-mode wireless smart hand-held terminal designed for industry / professional users, which has more functions: integrating all functions of data terminals, clusters walkie-talkie, cell phones, and alarm. IOP-WPD-2409-A2 fully meets the demands of industry users in information, task order, Cluster-to-talk, Voice, rescue and so on. As the industry users usually work outdoors, in poor environment, IOP-WPD-2409-A2 with its' industrial-grade robustness ensures its quality.

IOP-WPD-2409-A2 gives full consideration to the design of anti-VI: waterproof, dustproof, anti-break, anti-Shock, anti-static; protective shell should be consistent with the performance of IP56 about Protection level in GB 4208-93. IOP-WPD-2409-A2 uses wireless Wi-Fi communication; can meet the real-time communication, reliability, high-bandwidth requirements of industry users.

IOP-WPD-2409-A2 using 1.8-inch color LCD screen, Equipped with two sets of speakers and a microphone, and fully meet the needs of industry users' voice communication and private communication in the noisy environment, with A high-capacity battery to ensure the work efficiency for industry users' daily mobile communications.



Wireless roaming

- Base on IEEE802.11b/g 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)

Features

- WLAN signal strength and battery level status display
- Call log scan and speed dial
- Push to Talk function (One key Alarm)
- 200 records phonebook
- Polylingual menu display
- Support Stopwatch, Calendar, Calculator
- Support WiFi wireless software upgrades
- Support WiFi Quality of Service(QoS)
- Support SMS function

Powerful industry-oriented functions

- Matching set of wireless network communications solution, low-cost and efficient industrial applications
- PTT cluster radio functions, instant effective information send
- SOS one key alarm, designed for help and rescue for industry users under emergencies.

The rugged design

- Can be used in harsh environment
- Able to withstand falling down to concrete floor from 1.5 meters high many times.
- Protective shell meets the performance standards of IP56, can ward off dust and splash water from every direction.

Typical applications

- Transportation: command scheduling, group talk, information, data acquisition, task orders in airports, ports, railway stations, subway, etc.
- Postal and courier: command scheduling, group talk, information, data acquisition, etc.



- Power: power lines / equipment inspection, data acquisition, and so on.
- Mining / oil and gas exploration: command scheduling, group talk, information, data collection, inspection equipment and so on.
- Public utilities: Data Acquisition.

Specification :

Dimensions (H*W*D)	150* 70* 30 mm
Weight	400 g
Battery	Built-in 3.7V, 1900 mAh Lithium Manganese battery
Shell	Anti-static materials according with the environmental protection standard IP56
Antenna	External 3db antenna
Keypad	Total 23Keys, Including a 5-direct key, PTT alarm key, SOS key
Display	1.8inch 128*160 color display
Time	Talk Time: 10 Hours+ / Standby Time:100hours+
Accessories	Block-Charger, Quick Start Guide
Phone Book	200 Records
Call History	Remembers 10 calls each of received、 missed or dialed
Display Language	English/Chinese (Simplified)
IP Configuration	Static IP/Dynamic IP (DHCP)
Firmware Upgrade	WiFi wireless
MAC	IEEE802.11b/g
Date Rate	1-54Mbps
Coverage Range	Outdoors: Radius 500m+ / Indoors: 50m+
Frequency Band	2.4GHz
Modulation Techniques	DSSS: CCK (11Mbps, 5.5 Mbps) / QPSK (2Mbps) / BPSK(1Mbps)/OFDM (54Mbps)
Working Current	≤250mA
Standby Current	3-5mA
Ringing Loudness	≥70dB
Antenna Impedance	50Ω
The Largest Open-circuit Voltage	4.2V
Transmit Power	> 15dBm
Sensitivity	<-76dBm@11Mbps
Security	WPS/WEP(64/128 bits) / WPA-PSK/WPA2
Call Control Protocols	SIP - RFC 3261; STUN
Audio	G.711, G.729a/b AEC/VAD /CNG/JB