

# Portable DECT Phone W610D

LINKVIL W610D is a portable cordless phone based on DECT technology, designed for mobile communication applications. With built-in Bluetooth 5.0, the W610D seamlessly pairs with Fanvil DECT base to deliver stable and efficient communication across various wireless network environments. Equipped with a rechargeable 1900mAh battery, the W610D offers up to 8 hours of talk time and 160 hours of standby time. It is widely used in wireless scenarios such as small and medium-sized enterprises, shopping malls, residential areas, hotels, and warehouses, providing users with a high-quality mobile communication experience.



Large Capacity Battery



HD Voice



Auto Provision



Side Key

## Key Features

- 2" 240 x 320 color screen with intuitive user interface
- HD voice and Noise Reduction
- Sturdy and reliable belt clip
- Support incoming call vibration
- Drop-safe from 1.8-meter height
- Headset connection via Bluetooth or 3.5 mm jack
- One configurable push-to-talk (Side Key) button for quick dial
- Up to 8 hours' talk time and up to 160 hours standby time

# Specifications

## Generic

- 2.0-inch 240\*320 color high-definition LCD display
- 4 SIP lines
- 1 internal extension
- Caller ID
- Handset/Hands-free/Headset Mode
- Support custom 16 DSS keys
- HD Voice
- Incoming vibration alarm
- Belt clip
- Desktop charging base
- Standard type-c interface
- Rechargeable Lithium Battery
- Support Bluetooth 5.0
- Support multi language:  
English/Japanese/Korean/French/German/Dutch/Spanish/Italian/Polish/Portuguese/Greek/Turkish/Russian/Chinese/Tra-Chinese

## Phone Features

- Network time synchronization
- 1000 Local contacts
- Remote Phonebook (XML/LDAP, 1000 entries)
- Multi-language optional
- 600 Call logs
- Blocked List/Allowed List
- Screen saver
- Personalized ringtone settings
- Screen backlight adjustment
- Memorandum
- SMS service
- Voicemail (MWI)
- Menu encryption settings
- Keypad lock/ backlight adjustment
- Volume adjustment

## Call Features

- Auto-Answering
- Call out/Answer/Reject
- Call waiting/Switch
- Call forwarding
- Speed Dial
- Intercom
- Anonymous calls
- 6-way Conference
- Restrict outgoing calls
- Speed Dial
- Emergency call
- Caller ID Display
- Inquiry (dialing, incoming and outgoing calls)
- Do-Not-Disturb
- One-Click to speed dial

## Audio

- Acoustic Echo Cancellation (AEC)- maximum 96ms echo delay cancellation
- Voice Activity Detection (VAD)/ Comfort Noise Generation (CNG)/ Background Noise Estimation (BNE)
- Packet Loss Concealment

- Dynamic adaptive jitter cache up to 300ms
- DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP

## Network

- DECT protocol

## DECT

- Frequency band  
1880~1900 MHz (European/South Africa):10 Channels, default item.  
1920~1930 MHz (America):5 Channels  
1893~1906 MHz (Japan):5 Channels  
1880~1895 MHz (Taiwan,China):8 Channels  
1910~1920 MHz (Brazil):5 Channels  
1786~1792 MHz (South Korea):3 Channels  
1910~1930 MHz (Latin America):10 Channels  
1909~1929 MHz (Argentina):10 Channels

## Power

- Reminder when charging
- Full reminder
- Low battery prompt
- After abnormal shutdown, the charging will automatically start
- Real-time statistics/display of system power

## Protocol

- DECT
- RTP/RTCP/SRTP
- STUN
- DHCP
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

## Physical Specifications

- Drop Height: 1.8m
- Shell Material: Plastic Shell
- Charging Base x1
- Belt Clip x1
- Rechargeable Battery x1 1900mAh
- DC Input: 5V/2A
- Charging Port: Type-c
- Headphone Jack: 3.5mm Standard Jack
- Installation: Belt Clip /Desktop
- Operating Temperature: -10°C~ +45°C
- Storage Temperature: -20°C~ +60°C
- Operating humidity:10~95%
- Color: Gunmetal
- Product Size: 156\*53\*17.7mm
- Product Weight: 146g
- Qty/CTN: 12pcs
- N.W/CTN: 4.44kg
- G.W/CTN: 4.7kg
- Certificates:  
CE/FCC/UKCA/RoHS/RRRC/ERP/DOE/CEC/REACH
- Gift Box Dimension: 193x80x89mm
- Outer CTN Dimensions: 343\*287\*213mm

## About Fanvil

Fanvil Technology Co., Ltd. (Fanvil) is a leading global provider of A&V-IoT (Audio& Video- IoT) devices with three R&D centers in Beijing, Shenzhen, and Suzhou, China, and three factories in Huizhou and Shangrao, China, and Vietnam. Fanvil has focused on unified communication technology innovation for more than 20 years and provides SIP phones and SIP security industrial products in the global market, powering different businesses in the community, transportation, education, healthcare, enterprises, etc.

## About LINKVIL

As the sub-brand of Fanvil, LINKVIL will focus on the research and development of A&V-IoT wireless communication products. Based on Audio & Video -IoT, LINKVIL helps to achieve the full connection of wireless communication systems. LINKVIL builds a wireless communication Eco-system for multi-scenarios to help accelerate digital transformation.

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## More Information

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.

For more information, please visit: [www.fanvil.com](http://www.fanvil.com)



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## DECT IP Base Station W710D

Fanvil W710D is a DECT IP base station designed for small and medium-sized businesses. When paired with Fanvil W610D handsets, it offers excellent mobility and flexibility, while eliminating the need for additional wiring costs. The system supports the registration of up to 10 Fanvil W610D DECT handsets and provides robust processing capacity for up to 20 SIP accounts and 10 simultaneous calls. Additionally, it supports LAN communication, allowing users to conduct internal calls without the need to register a SIP account. Fanvil IP DECT offers reliable wireless communication with high-quality voice service, perfect for dense user environments and short-range communication.



SRTP/TLS/HTTPS



Large-Capacity



Auto Provision

### Key Features

- Up to 10 simultaneous calls
- Up to 10 Handsets
- Up to 20 SIP accounts
- Up to 10 internal extensions
- Support XML/LDAP Remote phone book
- Local phone book: 1000 local contact for each terminal
- Wireless signal coverage extends up to 50m indoors and 300m outdoors
- DECT technology for high-quality, reliable communication
- Supports firmware upgrades, configuration management, contact management, and call record management operations on connected endpoints

# Specifications

## Generic

- 10 simultaneous calls
- Wireless signal coverage: up to 50 meters indoors and 300 meters outdoors
- 10 terminals
- 20 SIP accounts
- 10 internal extensions
- 10 SIP Servers
- Supports multiple languages:  
English/Japanese/Korean/French/German/Dutch/Spanish/Italian/Polish  
/Portuguese/Greek/Turkish/Russian/Chinese/Tra-Chinese

## Terminal Management

- Add/Delete/Import/Export
- Check terminal information
- Configure terminal: Reset, upgrade, DND
- Configuration management: 10 terminal configuration files
- Trouble removal: Capture package, syslog
- Local phone book: 1000 local contact for each terminal
- XML
- LDAP phone book
- 20000 call logs
- Call log statistics: All, Incoming, Outgoing, Missed, Forwards

## DECT

- Frequency band  
1880~1900 MHz (European/South Africa ):10 Channels, default item.  
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## Network

- DECT protocol
- 10/100 Mbps Ethernet (Bridge connection)
- IP mode: IPv4/IPv6/IPv4&IPv6
- Static IP / DHCP
- 802.1x Network access permission authentication
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- CDP

## Audio

- Narrowband Codec: G.711a/u, G.729, G.729A, G.729B, G.729AB
- Wideband Codec: G.722, Opus

## Protocols

- DECT
- UDP/TCP/TLS
- RTP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- 802.1x
- L2TP
- openVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

## Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP  
OPT66/SIP  
PnP/TR-069
- Web management interface
- Web-based Packet-dump
- Configuration export/import
- Firmware upgrade
- Syslog

## Specification

- 1 Reset Key
- Shell Material: Plastic Shell
- DC Input: 5V/1A
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- Power: DC5V/1A or PoE
- Power Consumption (POE): 1.17W-1.39W
- Power Consumption (Power Adapter): 0.803W - 0.94W
- Installation: Wall-mounted
- Working Temperature: -10°C ~ +45°C
- Storage Temperature: -20°C~ +60°C
- Working Humidity: 5% to 95%
- Color: Gunmetal
- Device Dimensions: 140\*100\*26mm
- Product Weight: 184.5g
- Qty/CTN: 10pcs
- N.W/CTN: 3.1kg
- G.W/CTN: 3.5kg
- Certifications: CE- EMC/CE-LVD/CE-RF/FCC SDOC/FCC  
ID/part68/ERP/DOE/CEC/SRRC/ROHS/WEEE/REACH
- Gift Box Dimension: 242\*127\*59mm
- Outer CTN Dimensions: 320\*274\*262mm

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