LINKVIL Cordless Multi-cell System Base Station **W710H**

LINKVIL Cordless Multi-cell System is a flexible roaming communication system that supports both Multi-Cell and Single-Cell modes. The Single-Cell system, managed by the W710H-Manager, allows communication over a LAN without the need for a SIP account, supporting up to 30 terminals and 16 simultaneous calls. The Multi-Cell system, consisting of W710H-Managers and W710H-Base stations, supports up to 300 terminals and 200 simultaneous calls, with seamless roaming and switching. The LINKVIL Cordless Multi-cell System offers a reliable, large-capacity cordless solution, ideal for enterprises, malls, hotels, warehouses, and mobile office applications.

| SRTP/TLS/HTTP | Long-Distance | Large-Capacity | Auto Provision | Seamless Roaming |

Key Features and Benefits

• up to 200 simultaneous calls

• up to 20 bases

• up to 300 terminals

• up to 300 SIP accounts

• up to 300 internal extensions

• Support XML/LDAP/Remote Phonebook

• Local phonebook: 1000 local contact for each terminal

• Seamless roaming and switching

• Wireless signal coverage extends up to 100 meters indoors and 700 meters outdoors

• Employing Fanvil wireless technology for high-quality, reliable communication

• Supports firmware upgrades, configuration management, contact management, and call record management operations on connected endpoints

Specifications

Generic

• Seamless network roaming and handover

• Wireless signal coverage: up to 100 meters indoors and 700 meters outdoors

• Each Multi-Cell System：

  -Up to 20 base stations

  -Up to 300 handsets

  -Up to 300 SIP accounts

  -Up to 200 parallel calls

• Each base station：

  -Up to 30 handsets

  -Up to 16 parallel calls

• 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
• 20000 call log
• Call log statistics: All, Incoming, Outgoing, Missed, Forwards

Country/Region

• Frequency band
  915 MHz（Australia）

Network

• Encryption: WPA2-PSK
• 10/100Mbps 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,iLBC
• Wideband Codec: G.722, Opus

Protocols

• 802.11ah
• UDP/TCP/TLS
• RTP/SRTP
• STUN
• DHCP
• IPv6
• LLDP
• 802.1x
• L2TP
• openVPN
• SNTP
• FTP/TFTP
• HTTP/HTTPS

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): 0.75W - 1.14W

• Power Consumption (Power Adapter): 0.489W - 0.775W

• Installation: Wall-mounted

• Working Temperature: -10°C ~ +45°C

• Storage Temperature: -20° - 60°

• Working Humidity: 5% to 95%

• Color: Gunmetal

• Device Dimensions: 140*100*26mm

• Product Weight: 183g

• Qty/CTN: 10pcs

• N.W/CTN: 3.1kg

• G.W/CTN: 3.7kg

• 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

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 two factories in Huizhou and Shangrao, China. Fanvil has focused on Unified Communication technology innovation for 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

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