LINKVIL RoIP Gateway W712

LINKVIL W712 is a RoIP gateway with built-in radio and SIP modules, which enables interconnection between analog/digital two-way radios and SIP communication devices. Small, portable and powerful, W712 gateway is compatible with mainstream analog/DMR II digital two-way radios and easy to deploy and manage. W712 helps to build an interconnected communication system without changing the existing analog and digital communication systems. It is suitable for internal communication in different scenarios, such as community security, industrial parks, supermarkets, hospitality, campus security, etc.



SIP
SIP Protocol

UHF
400~470 MHz

HD
HD Audio

Support Recording

WEB
Web Management

Highlights

- Integrate 400~470 MHz radio modules to connect the analog/DMR II digital radios
- Compatible with SIP protocol to connect SIP communication devices
- High compatibility with Motorola, Hytera and other mainstream analog/digital radios
- Support HD audio with G.722 and Opus
- Support USB 2.0 interface and TF card interface for data storage or offline upgrade
- Support call recording and call logs of two-way radios and SIP phones
- Dual Megabit Ethernet for network transmission
- Supports the power supply via DC 12V PSU and PoE (at)
- Supports the Web management for devices
- Support desktop and wall-mounted installation

Specifications

Generic

- Support 1 connection of analog/ DMR II digital radio, 1 connection of SIP call
- Support call recording
- 2 SIP lines
- Support SIP hotspot
- Support traditional analog/digital intercom and SIP products (frequency band: 400~470Mhz)

Audio

- Support SIP standard protocol
- Support HD audio Voice activity Detection / with noise reduction
- Narrowband codec: G.711A/U, G.729A/B, iLBC, G.723.1, G.726-32K
- Wideband codec: G.722, Opus

Radio Specification

- Radio frequency: UHF 400~470 MHz
- Communication distance: 1~3 km in urban open area (depending on the actual environment)

Device Functions

- Auto-answering
- Speed dials
- Network time synchronization
- Dynamic multicast function
- Blocked call list
- Call logs (600 pieces for SIP phones/ Radios)
- Action URL / Active URI

Network

- Dual 10/100 Mbps Ethernet
- IP mode: IPv4/IPv6/IPv4&IPv6
- IP configuration: Static IP / DHCP / PPPoE
- VPN: L2TP / OpenVPN
- VLAN

Protocols

- SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- PPPoE
- 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 portal
- Web-based packet-dump
- Configuration export / import
- Firmware upgrade
- Syslog

Physical Specifications

- Color: black
- Physical key: 1 reset key
- Indicator lights x3: (status of power, SIP call and radio call)
- DC interface x1: DC 12V/2A
- RJ45 interfaces x2: connecting WAN and LAN
- PoE enabled: Class 4, 802.3at, via WAN interface
- TF interface x1: connecting TF card (128G max)
- USB 2.0 interface x1: Standard A, for connecting USB card, recording storage, software upgrade.
- Working temperature: -10℃ ~ 50℃
- Storage temperature: - 20℃ ~ 60℃
- Working humidity: 10%~95%
- Installation: Desktop stand / Wall-mounted
- N.W/CTN：8.8 kg
- G.W/CTN：9.5 kg
- Device dimension: 209x126x26.3 mm
- Gift box dimension: 225x202x99 mm
- Outer CTN dimension: 424x320x245 mm (10 PCS)

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 more than 20 years and provides SIP phones and SIP security industrial products in the global market, powering different businesses in community, transportation, education, healthcare, enterprises, etc.

About LINKVIL

As a sub-brand of Fanvil, LINKVIL focuses on the research and development of A&V-IoT wireless communication products. Based on Audio & Video -IoT, LINKVIL helps customers to achieve full connection of wireless communication systems and will build a wireless communication Eco-system for multi-scenarios to help different industries accelerate their 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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