

Wireless AP Router with VoIP FWR7102



Feature Keys

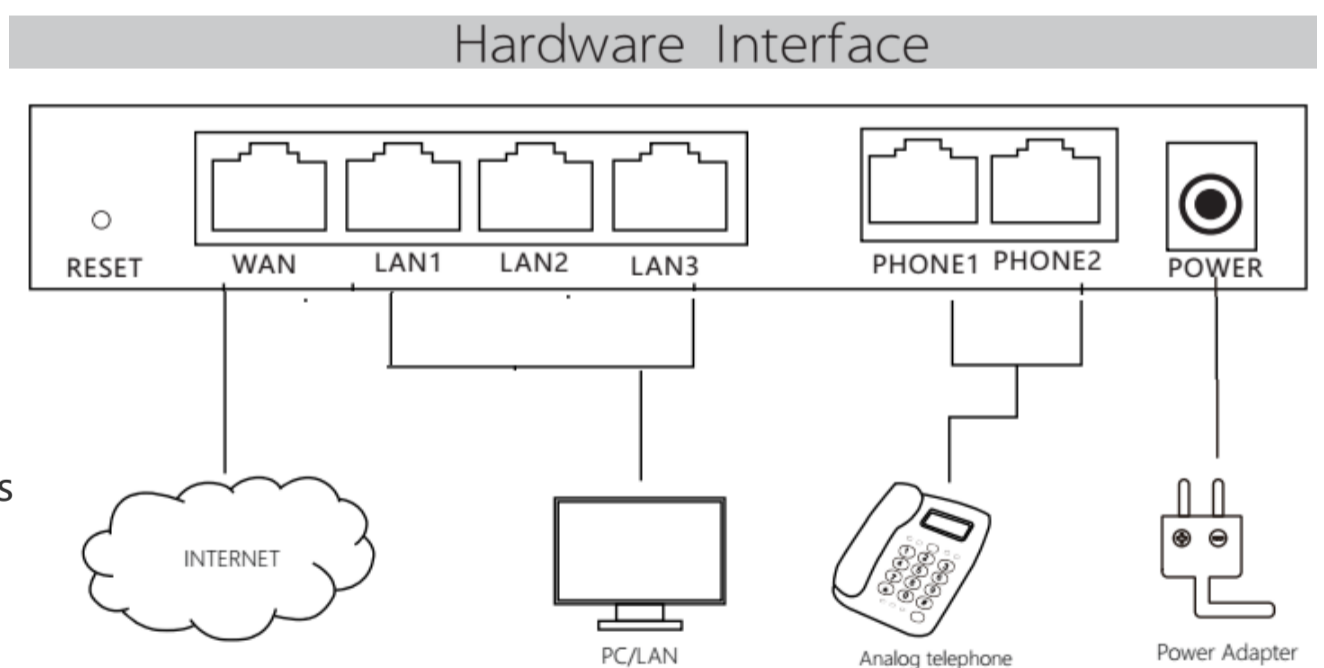
- 4G-LTE
- 2.4GHz 300Mbps WiFi
- 10/100Mbps Ethernet
- Rich QoS capability in wired and wireless

Overview

The Flyingvoice powerful VoIP Wireless Router FWR7102, FWR7102 includes extended functions which support 4G card, and 2 FXS ports. This design not only provide users with a conventional VoIP and routing capabilities, but also allow users to enjoy 4G wireless network anytime. Users can also take FWR7102 as a FTP server, to share LAN files, pictures and other resources. Meanwhile, 2 FXS ports can be well adapted to small and micro enterprises, 1FXS for telephone, 1FXS for Fax, no need to add additional equipment.

FWR7102 VoIP wireless router is ideally suited for small and medium enterprises (SMB) to build wireless office.

It is a kind of advanced VoIP wireless router, can not only provides the high quality of voice communications and wired Internet sharing capabilities but also offers Access Point (AP) function for daily wireless communication. With advanced router, FWR7102 is able to make calls via SIP proxy voice communications, plus the IP sharing, and the QoS mechanism.



Technical Parameters

Power	<ul style="list-style-type: none"> AC/DC Adapter AC Input: 100~240V, 50~60Hz DC Output: 12V, 1A
Operating System	<ul style="list-style-type: none"> Linux 2.6.36
I/O Interfaces	<ul style="list-style-type: none"> 1 RJ-45 for WAN port (Ethernet 100 Base-T) 3 RJ-45 for LAN port (Ethernet 100 Base-T) 2 RJ-11 for FXS port SIM Card IEEE802.11 b/g/n
Environmental	<ul style="list-style-type: none"> Operation Temperature: 0~50 Degree C Storage Temperature: -25~ 85 Degree C Relative Humidity: 10%~90% No Condensing
Audio Codec	<ul style="list-style-type: none"> G.711(A/u), PESQ>4.3 G.729AB, PESQ>3.7 Adaptive Jitter Buffer Management Voice Activity Detection Comfort Noise Generation Echo Cancellation T.30 FAX with G.711 Real time FAX over IP via T.38
LTE Features	<ul style="list-style-type: none"> Four-Band TDD-LTE B38/B39/B40/B41 Three-Band FDD-LTE B1/B3/B8 Dual-Band TD-SCDMA B34/B39 Dual-Band UMTS/HSDPA/HSPA+ B1/B8 GSM/GPRS/EDGE 900/1800 MHz Uplink up to 50Mbps Downlink up to 100Mbps 2G/3G fallback
Management	<ul style="list-style-type: none"> Firmware Upgrade Web Management Interface IVR-driven Management Interface Local and Remote Syslog (RFC3164) Auto Provisioning SNTP Time Synchronization Multi User Level SNMP v2 Telnet TR069

Protocols

- SIP V2.0 (RFC 3261)
- Backward compatible with RFC2543
- Session timer (RFC4028)
- SDP (RFC2327)
- RTP/RTCP (RFC1889/RFC1890)
- NAPTR for SIP URI lookup (RFC2915)
- STUN (RFC2030)
- ARP/RARP (RFC 826/903)
- SNTP (RFC 2030)
- DHCP/PPPoE
- HTTP Server for Web Management
- TFTP/HTTP/HTTPS for Auto Provisioning
- Message Waiting Indicator (RFC3842)
- DHCP Option Codes for SIP (RFC3361)
- DNS/DNS SRV (RFC1706 and RFC 2782)
- TR069 (TR098,TR104)
- IEEE802.1Q VLAN/802.1p/DSCP
- SNMP v2

Wireless

- 802.11 b/g/n support
 - 4 SSID
 - Static WEP(64/128bit)
 - Dynamic WEP(64/128bit)
 - AES(CCMP/TKIP)
 - MAC certification
 - WEP certification
 - WPA-PAK/WPA-PSK(2.0)
 - WPA/WPA2
 - AP Isolation and MBSSID AP Isolation
 - WMM
 - WDS
 - WPS
 - Station list
 - MAC Filter(different from wired MAC Filter)
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Applications	<ul style="list-style-type: none">• Support NAT mode and Bridge mode• Support DDNS• MAC address cloning• SIP proxy redundancy• NAT Traversal by STUN• Built-in Wired speed NAT Router• DHCP Server and Client• IP conflict detection• Port Forwarding, DMZ, SuperDMZ• 802.1Q VLAN/802.1p, DSCP, Rate Limiting• VPN(PPTP,L2TP, OpenVPN) Passthrough,IPSec• SNTP• IGMPv2• Firewall(DDoS attack)
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Call Features	<ul style="list-style-type: none">• 3-way conference• Call hold• Call forwarding• Call Transfer• Call waiting• Caller ID and CWCID• DTMF Relay: In-band, Out-band and SIP INFO• QoS Layer 3• Call Log• CID/CWCID• Dial Plan• DTMF Mode: Inband, RFC2833 and SIP Info
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Regulatory	<ul style="list-style-type: none">• FCC Part 15 Class B approval• CE certification• RoHS compliance
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SIZE And Weight	<ul style="list-style-type: none">• 158mm(L)x140mm(W)x29mm(H)• 225g(N.W)
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