

LINKVIL Proxy Server A710

The A710 Wireless Proxy Server is an SBC (Session Border Controller) service gateway specifically designed to address communication pain points of Wi-Fi terminals. Deployed between the SIP server and Fanvil wireless Wi-Fi handsets, it provides an efficient intermediate-layer solution.

To solve the existing issue of short device battery life, the A710, acting as a Proxy server, can cache status messages such as Keep-Alive and deliver them to terminals at optimized intervals. This avoids continuous device wake-ups caused by frequent Keep-Alive packets sent from the SIP server, significantly extending the battery life of handsets and improving user experience. For problems like vulnerable Wi-Fi call quality and poor audio under weak network conditions, the device is equipped with a packet loss compensation algorithm. It dynamically repairs lost call data during transmission, greatly enhancing the stability of voice transmission and ensuring clear calls even in complex network environments.

The A710 supports connection to 100 terminals and 50 simultaneous calls. In addition, it supports simple operation deployment, balancing professional performance and ease of use to provide reliable support for wireless communications.



Packet Loss
Compensation



Proxy Cache

Highlights

- 100 IP Terminals
- 100 SIP accounts
- 50 simultaneous calls
- Caches and sends status information (e.g. Keep-Alive)
- Features packet loss compensation algorithm during calls

Specifications

Basic Functions

- Caches and sends status information (e.g., Keep-Alive)
- Features packet loss compensation algorithm during calls
- 100 IP Terminals
- 100 SIP accounts
- 50 simultaneous calls

Network

- Physical: 10/100 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static IP / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- DNS-SRV (RFC 3263)
- Support Redundant Servers
- Agent
- Https Mutual Authentication

Protocol

- SIP v1 (RFC2543) v2 (RFC3261)
- UDP/TCP/TLS
- RTP/RTCP/SRTP (Optional/Compulsory)
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- 802.1p/Q
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
- AES128 & AES256

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°C - 60°C
- Working Humidity: 5% ~ 95%
- Color: Gunmetal
- Device Dimensions: 140*100*26mm
- Product Weight: 383 g
- Qty/CTN: 10 pcs
- N.W/CTN: 3.83 kg
- G.W/CTN: 4.28 kg
- Gift Box Dimension: 242*127*59mm
- Outer CTN Dimensions: 320*274*262mm