

PR08

8 FXS Gigabit ATA Gateway

Flyingvoice PR08 is a highly integrated ATA gateway for POTS replacement solution, provides 8 FXS ports to support 8 external connections and easily connect to elevator emergency call panel, fire/burglar alarm panel, fax machines, ATM machines/POS terminals and so on. And the PR08 integrates 2 gigabit WAN ports that support PoE out and network failover, 1 UPS port for power out, and 2 type-C USB ports that support external power banks to achieve 24h power outage running and ensure you an uninterrupted connection with calls and network. You can choose to use the PR08 with Flyingvoice LM150 or third-party router to form a "4G/5G + POTS Replacement" IP communication solution.



Main Features:

Industrial design, multiple protection

PR08 adopts a cast aluminum metal shell with a strong structure, and meets IK10 mechanical protection level, effectively preventing collision damage to the device. And the operating temperature ranges from -40 ° C to 85 ° C, meet the industrial wide temperature design, effectively ensure the reliability of equipment.

POTS replacement, 8 external connections

PR08 integrates 8 FXS ports and supports 8 external connect to elevator emergency call panel, fire/burglar alarm panel, fax machines, ATM machines/POS terminals and so on. Keep the compatibility with legacy POTS lines, and supporting their access to IP network to realize IP calls, and enabling users to upgrade IP communication at a low cost.

Backup power supply, lasting standby

PR08 integrates 2 type-C USB ports, which can be connected to 2 external power banks above 65W with PD3.0. Prevent sudden power failure to provide 24h uninterrupted operation (250wh), suitable for emergency scenarios such as elevator call and fire alarm. When it is power off, power cycling is supported to restart device to correct a frozen, suspended, or other malfunctioning device.

Network failover, uninterrupted connection

PR08 integrates 4 GE ports, of which the WAN ports support PoE out, providing ethernet power to PD, such as IP Phone, Flyingvoice LM150, etc. Support dual WAN ports network failover to provide network link backup protection.



- 8 FXS Ports
- 4 GE Ports
- Support PoE out over WAN Ports
- 2 Type-C USB Ports for Power Backup
- 1 UPS Port for Power Out
- Support Power Cycling
- Network Failover & Power Failover
- IK10 Mechanical Protection
- 6KV lightning protection design
- Support Bridge and Router Mode
- Support T.38 Fax
- Support TR069, SNMP
- OpenWRT System

Product Structure

Shell Material	> Aluminum alloy
Network Port	> 2 * WAN, 10 / 100 / 1000Mbps, PoE out (MAX 15W) > 2 * LAN, 10 / 100 / 1000Mbps
FXS Port	> 8 * RJ11
UPS Port	> 1 * Max 24W (12V / 2A), support power outlet
USB Port	> 2 * Type-C, support 2 external power banks supply (PD3.0 65W)
Power Port	> 19V / 3.42A
Indicator	> 16 (8 * FXS、2 * WAN、2 * LAN、2 * BAT、1 * UPS、1 * PWR)
Dimension	> 176 * 115 * 45 mm (L * W * H)
Bare Weight	> 756g

Performance Specification


Power Supply	> Support DC power supply / dual power banks supply via USB type-c ports
Power Cycling	> Support
IP Call	> Support 8 parallel IP calls with FXS ports
Operating Environment	> Operating temperature: -40°C ~ 85°C > Storage temperature: -20°C ~ 70°C > Relative humidity: 10% ~ 90% (no condensation)

Call Function

Call	<ul style="list-style-type: none"> > 6-way conference > Call hold > Call transfer > Call forward > Call waiting > Hotline > Caller ID > Anonymous call > Dial plan > Blacklist > DND > CID/CWCID/CPC > Call logs > DTMF mode: In-band, RFC2833, SIP-INFO
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Protocol

<p>Protocol</p>	<ul style="list-style-type: none"> > SIPV2.0(RFC3261) > SDP(RFC2327) > RTP/RTCP(RFC1889/RFC1890) > NAPTP for SIPURI check (RFC2915) > STUN(RFC3489) > ARP/RARP(RFC826/903) > NTP/SNTP(RFC8030) > TFTP/HTTP/HTTPS auto configuration > Message Tips (RFC3842) > DHCP Option Fields (RFC3361) > DNS/DNSRV(RFC1706/RFC2782) > USB PD 3.0
<p>Management and Application</p>	
<p>Management</p>	<ul style="list-style-type: none"> > Firmware update > Network management Interface > Local and remote system log (RFC3164) > Automatic configuration > SNTP time sync > Multiple user level > Telnet > TR069(TR069, TR104) > SNMPv2
<p>Application</p>	<ul style="list-style-type: none"> > NAT/NAPT router function > MAC address clone > Support DDNS > SIP proxy redundancy > Built-in NAT line router > DHCP server / client > IP collision detection > Port mapping, DMZ > 802.1Q VLAN/802.1p, DSCP > VPN (PPTP, L2TP, IPSec) traversal > IGMPv2 > Firewall
<p>Packaging Information</p>	
<p>Package List</p>	<ul style="list-style-type: none"> > Flyingvoice PR08 > 1 * Power Adapter, 1 * UPS Power Cable, 1 * RJ11 Phone Cable, 1 * Ethernet Cable > Quick Installation Guide

Box information	<ul style="list-style-type: none"> > Qty/CTN: 10 Pcs > N.W/CTN: 12.56Kg > G.W/CTN: 13.30Kg > Gift Box Size: 325 * 145 * 85mm (L * W * H) > Carton Size: 445 * 338 * 308mm (L * W * H)
Certification	
certification	

About FLYINGVOICE

FLYINGVOICE is an international high-tech enterprise focusing on communication and Internet products. FLYINGVOICE has established R&D centers in Bangkok, Hong Kong and Shenzhen, and has manufacturing bases in Shenzhen, China and Bac Giang, Vietnam.

As a network communication and IoT device manufacturer, FLYINGVOICE has developed three product lines after more than ten years of development: IP Phone, ATA & IoT, and 5G FWA & Router, which can provide customers with comprehensive enterprise communication and IoT "management" and "edge," "end" devices.

At present, FLYINGVOICE is further strengthening its advantages in the 5G FWA field and IoT products based on POTS connections to provide customers with more complete and excellent products and solutions.

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