FLYINGVOICE

PR08-Pro

8 FXS Gigabit ATA Gateway

Flyingvoice PR08-Pro is a highly integrated ATA gateway for POTS replacement solution, providing 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-Pro integrates 2 gigabit WAN ports that support PoE out and network failover, 1 UPS port for power out, PR08-Pro integrates built-in battery that provide redundancy in power outage, you can even connect another power bank via USB type-c to get longer backup time, ensuring you an uninterrupted connection with calls and network in every crucial moment.





Key Features and Benefits

Industrial design, multiple protection

PR08-Pro adopts a cast aluminum metal shell with a strong structure, and meets IK10 mechanical protection level, effectively preventing collision damage to the device. The operating temperature ranges from -10 ° C to 50 ° C (Battery working: -10~35° C). PR08-Pro is also capable with 6KV lightning protection.

POTS replacement, 8 external connections

PR08-Pro 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-Pro integrates built-in 44Wh battery and 1 type-C USB port for external power banks (65W with PD3.0). Prevent sudden power failure to provide 24h uninterrupted operation (external power bank required), suitable for emergency scenarios. Power cycling is supported to restart external device and itself to correct a frozen, suspended, or other malfunctioning device.

Network failover, uninterrupted connection

PR08-Pro integrates 4 GE ports, of which the WAN ports support PoE out, providing ethernet power to PD. Support dual WAN ports network failover to provide network link backup protection.

- 8 FXS Ports
- 4 GE Ports
- Support PoE out over WAN Ports
- 1 USB Type-C Port for Power Backup
- 1 UPS Port for Power Out
- Built-in battery
- Support Power Cycling
- Network Failover & Power Failover
- IK10 Mechanical Protection
- 6KV lightning protection design
- Support Bridge and Router Mode
- Support Contact ID
- Support Modem V150.1
- Support T.38/T.37 Fax
- Support TR069, SNMP

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PR08-Pro Specification

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 (13.5V), support power outlet
USB Port	> 1 * Type-C, support external power bank supply (PD3.0 65W)
Power Port	> 19V / 3.42A
Indicator	> 16 (8 * FXS, 2 * WAN, 2 * LAN, 1 * BAT, 1* USB, 1 * UPS, 1 * PWR)
Dimension	> 176 * 115 * 45 mm (L * W * H)
Bare Weight	> 995g
Performance Specification	
Power Supply	> Support DC power supply / PD3.0 protocol via USB type-c port
Power Cycling	> Support
IP Call	> Support 8 parallel IP calls with FXS ports
Operating Environment	> Operating temperature: -10℃ ~ 50℃ (Battery working: -10~35°C) > Storage temperature: -20℃ ~ 50℃ > Relative humidity: 10% ~ 90% (no condensation)
Call Function	
Call	> 3-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

Protocol	
Protocol	> 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/DNSSRV(RFC1706/RFC2782) > USB PD 3.0
Management and Application	
Management	> Firmware update > Network management Interface > Local and remote system log (RFC3164) > Automatic configuration > SNTP time sync > Multiple user level > Telnet > TR069 (TR069, TR104) > SNMPv2
Application	> 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, IP Sec) traversal > IGMPv2 > V150.1 > Contact ID > FAX：T.30/T.37/T.38 > Firewall

Packaging Information	
Package List	> Flyingvoice PR08-Pro > 1 * Power Adapter, 1 * UPS Power Cable, 1 * RJ11 Phone Cable, 1 * Ethernet Cable > Quick Installation Guide
Box information	> Qty/CTN: 10 Pcs > N.W/CTN: 14.8 Kg > G.W/CTN: 15.8 Kg > Gift Box Size: 326 * 144 * 84mm（L * W * H） > Carton Size: 450 * 310 * 350mm（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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Technical Support

Visit www.Flyingvoice.com for product documents and FAQ, or contact Flyingvoice by email at support@flyingvoice.com. We' ll get you the help you need.

Flyingvoice Network Technology Co., Ltd.
Web: www.Flyingvoice.com
Add: 1801-1802, Building 1, Chongwen Park, Nanshan Zhiyuan, Nanshan District, Shenzhen, China
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