IP PBX800

LVswitch IP PBX 800 is the IP voice platform designed for the applications of offices communications of medium-sized and small enterprises.LVswitch IP PBX800 supports analog and SIP trunks,offering many telephony features such as follow-me, multi-level voice nagvigation, conference bridge, etc..

The system has a Web management portal, and also supports remote upgrade, maintenance and centralized management, etc. LVswitch products employ softswitch core technology to support local access analog phones and IP phone users, and use IP bearer network to connect to remote IP phones or analog users with IAD to provide hybrid networking of analog phones and IP phones.

Through analog relay and broadband SIP relay, the connection with PSTN or private network voice exchange equipment is realized, which effectively improves enterprise deployment and communication efficiency, and helps increase the enterprise value.
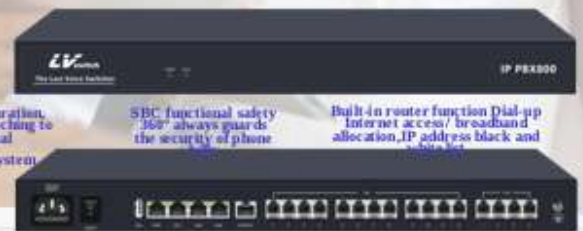
| A variety of interface types designs , strong compatibilit | Top level CPU, Industrial Grade Configuration | Software and haredware QOS | Dual system configuration, Automatic switching to ensure the normal operation of the system | SBC functional safety 360° always guards the security of phone | Built-in router function Dial-up Internet access/ broadband allocation,IP address black and white list |

Network interface

• 1*WAN,3*LAN,interface ;

• 10/100/1000M Ethernet adaptive

Console interface

· 1*RJ45 interface , 115200bps

USB interface

• 1个 USB2.0 , support FullSpeed

FXS interface

• 12FXS, RJ11 interface

FXO interface

• 4FXO, R J11 interface

Dimension

• 430x180x44mm

Weight

• < 2kg

Case

• 1U,Metal Material

Power

• 25W

LV Switches Inc.

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Official website

WeChat public account

Power input
- Rated voltage range:
  100V AC~240VAC, 50/60Hz

Working environment
- Relative Humidity:
  95% non-condensing
  at 25℃ to 30℃ non-operating
- Ambient temperature:
  Operating 10℃ to 35℃ Non-operating
  -40℃ to +55℃ ambient

Reliability
- 7X24 hours,
  the success rate is greater than 99.999% MTBF greater than 80000 hours

Applicable units
- Business
- 12~300 users

Upstream IP interface
- Static IP
- DHCP
- PPPoE
- WAN subinterface

Upstream interface mode
- Routing mode
- Bridge Mode

IP Services
- DDNS
- Static routing
- NAT
- Port Mapping
- UPnP
- Virtual domain name
- ALG
- DNS
- NTP
- DHCP service

Traffic management
- QOS strategy
- Broadband Policy

QOS
- Hardware chip realizes VoIP QOS

Extension type
- Analog extension: analog telephone
- SIP extension:
  IP phone, video phone, softphone

Trunk type
- Analog trunk
- SIP/IMS trunk

Voice codec
- G.711U
- G.711A
- G.723
- G.729

Video codec
- H.263
- H.264 (transparent mode)

DTMF
- RFC2833
- SIPinfo
- inband

FAX
- T.30
- T.38

Business statistics
- Call log
- Traffic Statistics

Call handling
- Call routing
- Inbound routing
- Number exchange
- Dial plan
- Caller ID identification
- Called number identification

WAN port access control
- WEB access
- Ban PING
- SSH protocol
- SIP protocol

IP address black and white list
- IP address black and white list

ARP attack defense
- IP/MAC binding
- ARP attack prevention

Voice service
- Local number query
- Calling number identification display, calling number display restriction
- Unconditional call forwarding
- Call forward when busy, call forward when no answer
- Blind transfer, inquiry transfer
- Call waiting, call hold, call park
- Three-way calling, hook-flash permission, abbreviated dialing
- Call barring, extension group barring
- Blacklist, call time limit, do not disturb
- Phone logout, group pickup
- Immediate Hotline, Delayed Hotline
- Synchronous vibration business, Sequential vibration business
- Alarm service, VIP extension number, recording and playback service
- Voice mail, CRBT service
- Queue, Enterprise Switchboard, Follow me,
- Billing service, recording service, video call

DDOS protection
- Ping of Death、Tear dop、TCP Flood
- UDP flood、Traceroute、IP Spoofing
- Port Scan 、WINNUKE Attack

VPN
- IPSec、L2TP、PPTP

VoIP Security
- SIP registered account verification, SIP registered IP address verification
- Total call duration limit, traffic monitoring

Local management
- Web mode, Telnet, SSH

Remote management
- SNMP、TR069

System test
- Ping、Traceroute、lfconfig
- Route、HttpGet、DNS Query

Log management
- Operation log, running log, user log, security log

System maintanence
- Configuration backup and restore, system upgrade
- Restore factory value, time setting