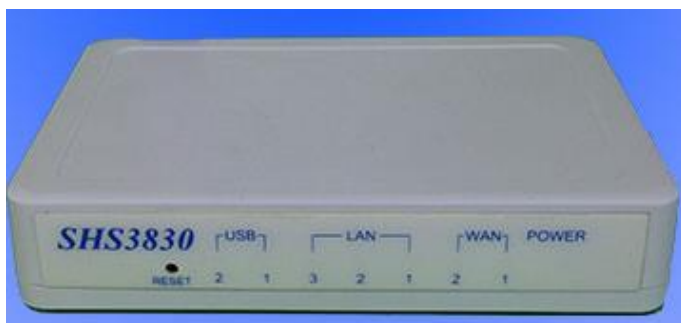


SHS 3830

An embedded server that provides SIP IP-PBX functions and two ports Router features.



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SHS 3830 is an embedded server that provides IP-PBX functions and two WAN ports Router features. The Firewall and QoS improves VoIP network voice quality.

The IP-PBX module of SHS 3830 is a SIP-based IP-PBX that can create telephony systems for home and small-to-medium enterprises. Since it supports industry-standard SIP, it works with all SIP-supported products and devices available today. The key features of SHS 3830 are quiet, power saving, stability and small volume box.

SHS-3830 Specification:

SIP IP-PBX Function

- RFC3261 compliance
- SIP UDP/TCP Protocol
- MD5 Digest Authentication (RFC2069/RFC2617)
- Allow FXO/FXS gateway, IP Phone and the DP-104 SIP IP video door phone to register.
- Support 50 registered extensions
- Easy install APP on smart phone to become SIP IP-PBX client extension
- Support SIP Trunk
- Support Audio Codec G.711 A-law/ μ -law
- Support pass through Video Call
- Out Band DTMF (RFC4733, RFC2833 / SIP INFO)
- Adaptive Jitter Buffer
- Automatic voice attendant
- Record your own greeting voice messages via voice file up-load from Web
- NAT Traversal configurable
- Blind Transfer
- Configurable Call and Pickup group
- Block Anonymous Call
- Call Hold
- Call Transfer
- Call Park



Cost saving

- Call Queuing
- Call Routing (DID & ANI) (in dial-plan function)
- Caller ID
- Route by Caller ID (in dial-plan function)
- Music On Hold
- Music On Transfer
- Time and Date
- Flexible Dial Plan
- Support Multi call rule to configure
- Outgoing Routing Rule (Drop, Replace, Add) and Routes selection
- Incoming Routing Rule (Drop, Replace, Add)
- Dial Group Setting
- Call Group, Pick up group setting
- Configure maximum concurrent SIP calls
- RTP Routed or Direct mode selection
- SIP Trunk setting
- Cellular Phone resonance setting
- Video preview setting
- Flexible Routing Plan
- Voice broadcasting over IP Phone with separated group
- Provide CDR log file



Front view of SHS 3830



Rear view of SHS 3830

Interface

- ✿ Ethernet port (RJ-45, 10/100 base-T)
- ✿ 2-WAN port, connect to IP Network
- ✿ 3-LAN port connect to local network
- ✿ 2 USB 2.0, USB Type A
- ✿ Reset Switch: Push to load factory default value or back to latest configuration file
- ✿ DC +12V power input Jack
- ✿ LED Indicator for Network status: Power
 - WAN x 2 : Link/Active
 - LAN x 3 : Link/Active

IP Network connection

- ✿ IPv4 (RFC 791) for WAN and LAN ports
- ✿ IP/ICMP/ARP/RARP/SNTP
- ✿ NTP Server and Time Zone setting
- ✿ WAN: DHCP, Fixed, PPPoE, DDNS
- ✿ LAN : Static Private IP or DHCP Server
- ✿ NAT allows users to surf internet by means of a single broadband user account
- ✿ Multiple DMZ Host (PPPoE, static IP)
- ✿ Multiple Virtual Server
- ✿ Multiple NAT function
- ✿ Protocol Route Control (IP Binding Function, by IP & port number)
- ✿ Protocol Bandwidth Control (by application protocol port number)
- ✿ IP/URL Blocking
- ✿ User Bandwidth control Function (by user IP address)
- ✿ Outgoing wan link selected (by user IP address)
- ✿ Remote Configuration through Internet
- ✿ Mail Alert: H32 WAN up
WAN down
System Log
- ✿ System Log: local event logging – log send to remote server
- ✿ Firewall
- ✿ Backup / Restore Router configuration file from PC
- ✿ Outbound Load Balance: provide 2 working mode: (1) session (2) weight round robin
- ✿ Inbound Load Balance: provide 2 working mode: (1) session (2) weight round robin
- ✿ TCP/UDP (RFC 793/768)
- ✿ RTP/RTCP (RFC 1889/1890)

Management

- ✿ Administrative HTTP and port number configuration
- ✿ Subscriber information display
- ✿ HTTP port and user ID, Password control
- ✿ Firmware and Library upload
- ✿ Configuration Backup/Restore
- ✿ Reset to Factory default setting
- ✿ Soft-Reset or Reboot System
- ✿ Status display: Network, Line, SIP Trunk status

Environmental

- ✿ Dimensions: 155(W) x 106(H) x 29(D) mm
- ✿ Weight: 300g
- ✿ Operating Temp. & Humidity:
Temp.: 0°C~45°C (32°F~113°F)
Humidity: 10%~90% relative humidity, non-condensing
- ✿ Power Adaptor: INPUT: AC100V~240V, 50/60Hz 0.8A
OUTPUT: DC 12V, 2.0A

Approvals

- ✿ CE
- ✿ FCC
- ✿ RoHS

Country of origin

Made in Taiwan

Packing Accessories

- ✿ SHS 3830 main unit x 1 pcs
- ✿ AC to DC+12V Power adaptor x 1 pcs

Cost Saving

Greater Mobility

Note: All specifications are subject to change without notice.

For more information on the Smart Home Server SHS 3830, please visit
www.avadesign.com.tw

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