

## UTG7204-ON

*IP PBX with 4-FXO and SIP Proxy Server*

All-in-One VoIP device to increase communication efficiency



### FEATURES

- Supports 20 concurrent calls and 50 registrations
- Provides 1-WAN + 1-LAN + 1-USB + 1-FXS Life Line and 4-FXO ports for external landlines
- All-in-One device with embedded IP PBX + SIP Proxy Server + 4-FXO ports VPN Gateway
- Built-in advanced SIP Register and SIP Proxy server
- Supports call hold, call waiting, 3-way call conference with feature phones
- Provides an VPN server for secured connection
- Supports ITU-T G.711a, G.711u, GSM/MS-GSM, G.729A/B, VAD and CNG Speech Codec
- Built-in Auto-Provision server for simple installation
- Supports Incoming Call Pickup and Incoming Call Ringing features for group users
- Web-based configuration and management through user-friendly Web browser user-interface
- Supports NAT/DHCP server and PPPoE/ DHCP Client for Dynamic IP plus NAT, VPN, DNS DDNS clients
- Interactive Voice Recording (IVR) setting by XML

### Package Contents

- One VoIP IP PBX Device
- One QIG / User's Manual CD-ROM
- One RJ-45 Network Cable
- One Power Adapter

### OVERVIEW

EUSSO UTG7204-ON is a cost effective and highly reliable all-in-1 IP PBX server that integrated with broadband router, SIP Proxy server and 4-FXO ports gateway. It can support a telephone network of up to 50 extensions making 20 simultaneous calls to provide an efficient and economical PBX for global long distance voice communications. With its embedded architecture, this device is ideal for VoIP applications associated with Small-Medium size Business (SMB), Remote Office and Branch Office (ROBO), and ISP/ITSP service markets.

UTG7204-ON works with various IP phones such as Desktop, WiFi, Bluetooth and DECH phones. Call features such as conferencing, auto attendant, and voicemail can be seamlessly enabled for all phone devices. In addition, it also provides internet access to all LAN devices through VPN NAT router. UTG7204-ON provides call control and media relay services to SIP clients, and it offers many rich functions like SIP Register, SIP Outbound Proxy with Media relay, SIP FXO Gateway, SIP PBX for extension calls, Auto Attendant Interactive Voice Response (IVR), Web Calling, and Find-Me Conferencing.

UTG7204-ON offers PSTN connection and allows for typical single-site or diverse multi-site configuration between different office locations. The IP PBX combines the internet data network with ADSL/Cable connection to make calls over the internet through PSTN subscription network via 4-FXO ports.

This IP PBX device provides user-friendly Web based interfaces to monitor and manage locally or remotely over the internet. It is easily installed and compatible with other VoIP management tools to yield immediate cost savings.

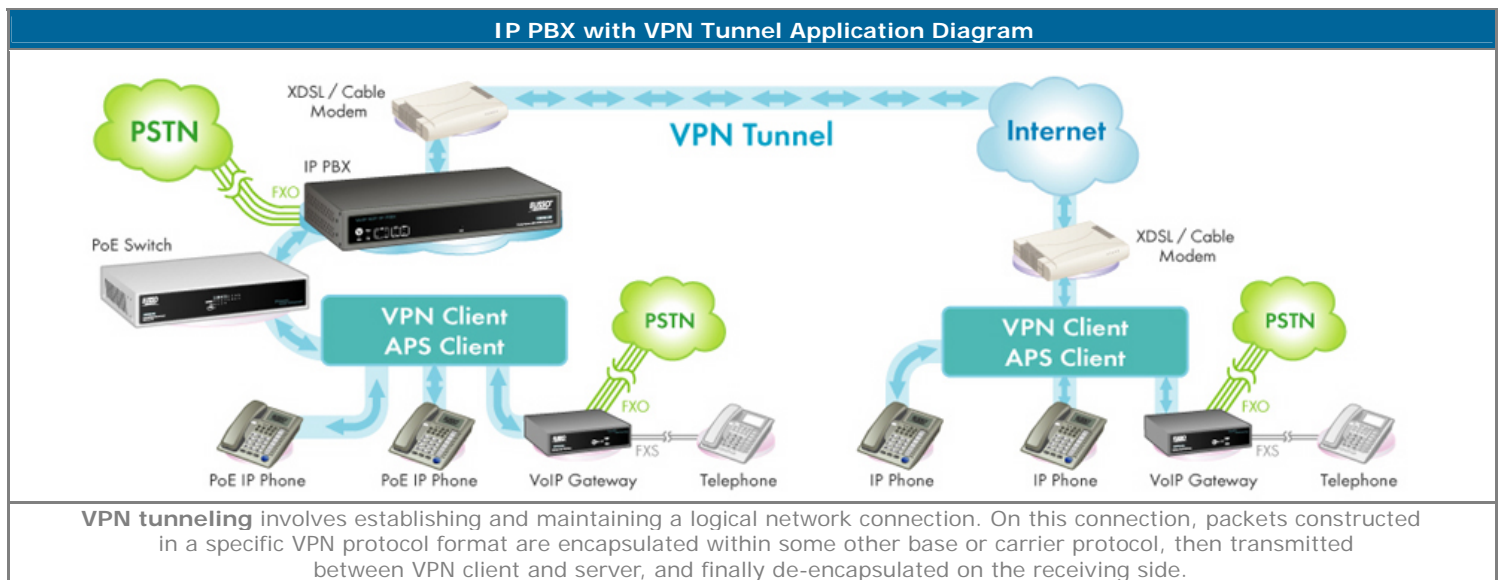
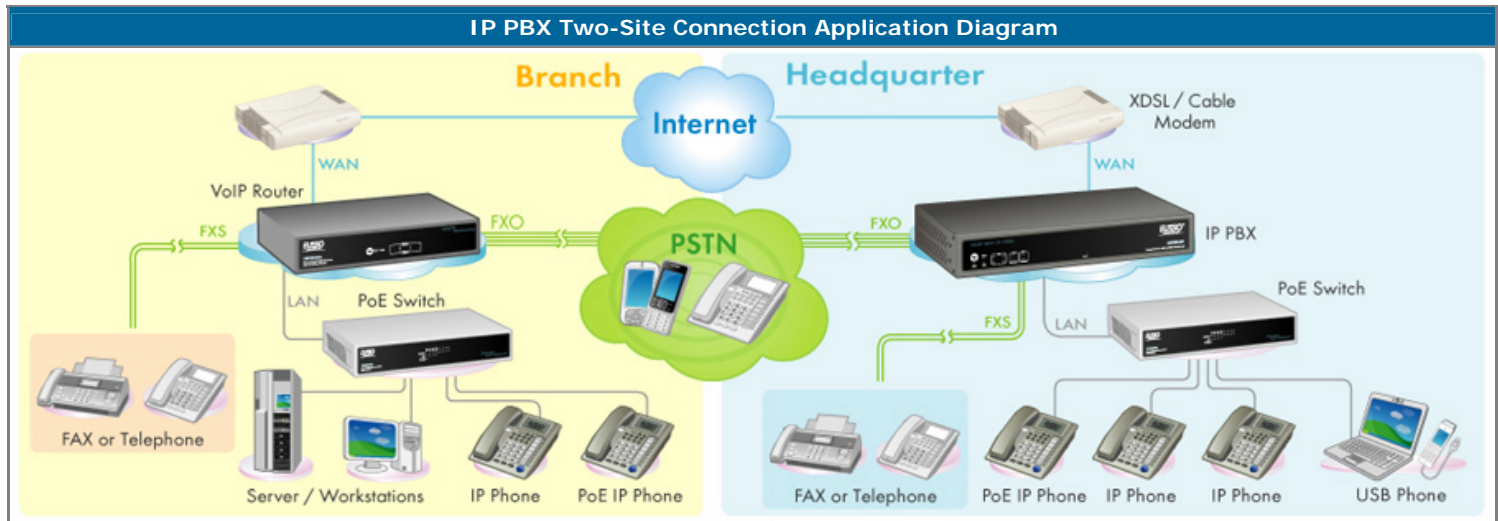
**SPECIFICATIONS**

UTG7204-ON IP PBX Features	
Maximum Capacity	50 Extension Registrations 20 Concurrent Calls with RTP 50 Voicemail Accounts
Standards	RFC 3261, RFC 3311, RFC 3515, RFC 3265, RFC 3892, RFC3361, RFC 3842, RFC 3389 RFC 3489, RFC 3428, RFC 2327, RFC 2833, RFC 2976, RFC3263, RFC 3264
SIP Registrar	<ul style="list-style-type: none"> <li>• Static / Dynamic registration</li> <li>• Handle loose RFC-compliant phones</li> <li>• Registration proxy to external registrars</li> <li>• Resilient message retry mechanism</li> <li>• User Profile</li> <li>• MD5 authentication Registration</li> <li>• Configurable PBX Caller ID</li> <li>• Seeding historical registrations</li> </ul>
SIP Proxy	<ul style="list-style-type: none"> <li>• Proxy Server</li> <li>• Outbound proxy with or without WAN</li> <li>• Inter-proxy call hand-off</li> <li>• NAT traversal for clients</li> <li>• Call-based MD5 authentication</li> </ul>
PBX Features	<ul style="list-style-type: none"> <li>• Support call hold, call waiting, 3-way call conference with feature phones</li> <li>• Unconditional, unavailable, busy call forward</li> <li>• Multi-room meet-me conference</li> <li>• Call Privilege grouping</li> <li>• FXO interface for PSTN Inbound / Outbound</li> <li>• FXO disconnection tone detection</li> <li>• In-band/RFC2833/SIP-INFO DTMF translation</li> <li>• Intra-PBX stackable trunking over Ethernet</li> <li>• FWD/Vonage account sharing for extensions</li> <li>• Interoperable with Cisco CallManager, CCME, IOS SIP gateway, Unity, CUE, 79XX, ATA</li> <li>• Call admission control for wired/wireless phones</li> <li>• Built-in in-line call transfer</li> <li>• Group-based call pick-up</li> <li>• Call-parking</li> <li>• Auto-attendant</li> <li>• Voice mail system</li> <li>• FXO hunt group</li> <li>• Caller ID detection</li> <li>• Echo cancellation</li> <li>• Support 5 SIP Trunk</li> <li>• Music on hold</li> <li>• Direct line</li> <li>• Outbound 900/0204 blocking</li> </ul>
Auto Attendant	<ul style="list-style-type: none"> <li>• Configurable Greeting</li> <li>• Timeout interval and timeout action</li> <li>• Forward to voice mail on no-answer</li> <li>• Key to reach operator</li> <li>• Music on ringing extensions</li> </ul>
Voice Mail	<ul style="list-style-type: none"> <li>• Fast-forward/Rewind/Undelete</li> <li>• Personal reception on unavailability / busy</li> <li>• Reply call or new in voicemail Menu</li> <li>• 250 * 60sec</li> <li>• User Pin</li> <li>• Multi-folder archive</li> <li>• Voicemail forwarding</li> </ul>
Meet-me Conference	Multiple rooms with configurable number and PIN Hot key to leave conference
Network Management	DHCP / PPPoE / Static IP on WAN LAN IP and netmask specification Firewalling on predefined service DNS and dynamic DNS Auto NAT discovery and traversal, RTP proxy, and RTP port range designation
Relational Provision	Logical partition / relation on users and trunks Logical provision on outgoing and incoming calling search scopes Rich dial-plan expressiveness through route patterns Object-oriented provisioning paradigm
Administration	Web-based configuration Flat Call Detail Record ( CDR ) Extension status display Network Time Protocol time synchronization Real Time Clock setting Configurable time zone Firmware upgrade through Web interface

**IP PBX FUNCTIONS**

PBX Function	
Auto Attendant	Auto Attendant, IVR, Greening
Concurrent Call	20
Extension	50
SIP Trunk	5
Conference Room	20
Support Video	Support H.264 / H.263 / MPEG4
PBX Manager	Monitoring each extension, FXO conference room, transfer, forward, and reserve
Multiple Language Prompt	English, Chinese
Monitoring on-line users	Extension # / User name / Device type / CPE IP address
Additional Functions	Supports Extension DIY Management Supports Extension Group Broadcasting Supports System Billing Supports System Parameters Backup Supports System Retrieval
Phone Function	
Caller ID Display	DTMF / FSK
Direct Record Prompt Voice	Use IP phone dial 1605 # to record IVR file
Music on Hold	Can change the music file of HOLD
Ring Forward etc	Call Distribution
Voice Mail LED	Flash while voice mail is activated
Call Transfer	Supports blind transfer and attend transfer
Call Pick-up/Group Pick-up	Program group extensions to pick-up (15)
Multiple Off-Net Route	SIP Trunk, FXO, other IP-PBX (Dial Plan Setting)
Extension Bundling ( 3 Sets )	Call ID display and ring
Call Forward	Forward all, No Answer Forward, Busy Forward, Offline Forward
Additional Functions	Supports Call Log File Supports Call Back ( Option ) Supports Call Park (700/701) Supports Follow-Me ( 6 Sets ), UMS, one number for all
Network Function	
Setup Wizard Page	Quick setup for new learner
CDR Log Out	Can log out for backup, whole system or extension ( dial log )
QoS	TOS/DSCP
Internet Link Types	PPPoE, Dynamic / Static IP
Auto-Provisioning (HTTP)	Plug & Play: can setup password, number
Firmware Upgrade	Supports Telnet / Web
SIP ENUM	Supports SIP ENUM 070
Voicemail	5 * 30 sec or 250 * 30 sec, Supports SSL
Additional Functions	Supports VPN Server Supports Phone Auto Update) Supports PSTN Life Line Supports QoS, DDNS Supports DHCP Router Supports VLAN, ReInvite Supports FXO Auto Busy Detection

Hardware Specifications	
Interface	1 x 10/100Mbps RJ-45 WAN port 1 X 10/100Mbps RJ-45 LAN Port 4 X FXO RJ-11 ports 1 X FXS PSTN Life Line RJ-11 port 1 X USB port
Diagnostic LED	Power, Active, Alarm, VPN, FXO 1~4, LAN, 10/100M, WAN, 10/100M
Dimension	260 (W) x 151 (D) x 44 (H)
Operating Temperature	0° ~ 45°C (32°F ~ 113°F)
Humidity	0 ~ 90% (Non-Condensing)
Power	DC12V, 1A
Emission	CE, FCC



#### ORDERING INFORMATION

Model	Description
UTG7204-ON	IP PBX with SIP Proxy Server and 4-FXO + 1-PSTN Ports

*EUSSO Technologies, Inc. is a dedicated data communication and networking company. With professional experiences in design, production, marketing and service support, we deliver the full range networking products including Gigabit Ethernet, Fiber Optic, Wireless LAN, Switches, Hubs, LAN cards, PCMCIA adapters, Converter, Transceivers. As well as Internet Telephony Gateway, Print Servers, Internet Sharing Servers and many others.*

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**EUSSO Technologies, Inc.**

6F, No.389, Sec.2, Chung Shan Road, Chung Ho City, Taipei 235-58, Taiwan

TEL:+886 (2) 8221-4616 E-mail:sales@eusso.com

FAX:+886 (2) 8221-4607 <http://www.eusso.com>