MUC2016

Enterprise-grade Unified Communications for small business

MUC2016 is an embedded hybrid IP PBX specially designed to bring enterprise-grade Unified Communications and Security protection features to small business in a easy-manage fashion. It offers up 300 users which offers the flexibility of integration of PSTN lines, GSM Channels and VoIP trunks. It offers a solution for converged voice, video, data, fax and mobility applications out of the box without any extra license fees or recurring costs

Key Benefits:

● Customizable combination of FXO, FXS, GSM, modules

● Easy to manage via web-based configuration interface

● Deliver enterprise-grade communication features and functionality to SMBs

● Perfect interoperability with a wide range IP Phone

Fax's

● T.30,T.38 Faxes

● Fax to Email

● Incoming fax tone detection

● 16 FXO ports or 16 FXS ports, or 8 GSM ports

● no future licensing fees

● Strongest-possible security protection using SRTP, TLS and HTTPS

● Energy Saving, Embedded system with low power consumption for your green office

● Flexible dial plan and Manipulation Rules

● Auto Call Recording

System Capacity

● 300 IP Phone users

● 50 concurrent calls

● 256Mb Onboard RAM

● 512Mb Onboard Flash

Voice Processing

● Protocol: SIP(RFC3261),IAX2

● Transport: UDP, TCP, TLS, SRTP

● DTMF Mode: RFC2833, SIP INFO, In-band

● Voice Codecs: G.711 (alaw/ulaw), G.722,G.726, G.726aal2,G.729A, GSM, ADPCM, Speex, ilbc,H263,H264

● Echo Cancellation: ITU-T G.168 LEC

PBX Features

- Call forward
- Call transfer
- Call waiting
- Call back
- Call routing
- Call ID
- DND
- DISA
- Conference
- Queue
- Ring group
- Paging/Intercom
- Voicemail
- Voicemail to Email
- IVR
- CDR
- Blacklist
- Music on Hold
- Office hours
- Auto Provisioning
- Call Recording

Interface

- 16 FXO ports or 16 FXS ports, or 8 GSM ports
- Single or dual 10/100Mbps RJ45 Ethernet port(s)
- Peripheral Ports: USB
- LED indicators: POWER, Run, Network, PSTN
- Reset button

Network Features

- Network Protocol: UDP, TCP, TFTP, HTTP, SSH,RTP,SRTP,ARP,NTP
- NAT Traversal: Static NAT, STUN
- HTTP/HTTPS web server

- Digest authentication using MD5
- Static Route
- OpenVPN
- VLAN
- QoS/ToS
- DDNS
- Firewall

Maintain & Upgrade

- Web based configuration
- Configure backup/restore
- Firmware upgrade by Upload /TFTP
- Web login password modify
- Blacklist
- Packet Capture
- IVR Customization
- Text to Wav
- Call Detail Record (CDR)
- System Logs
- SMTP
- Factory reset, Reboot
- Ping

Physical Properties

- Power Supply: DC 12V, 3.0A (Input: AC 100-240V,50-60Hz)
- Power Consumption:23W
- Temperature(Operation): 0 ℃ ~50 ℃ (Storage): -20 ℃ ~80 ℃
- Operation Humidity: 10%-90% No Condensation
- Dimension(W/D/H): 323*197*44.5mm