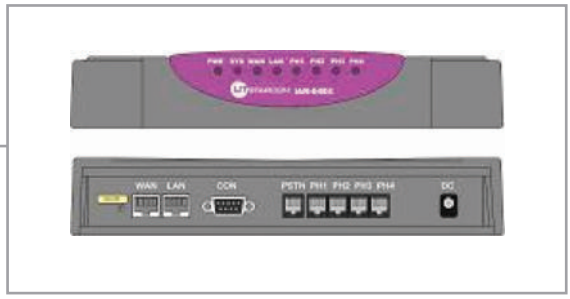
iAN-08E4

Series Voice Gateway



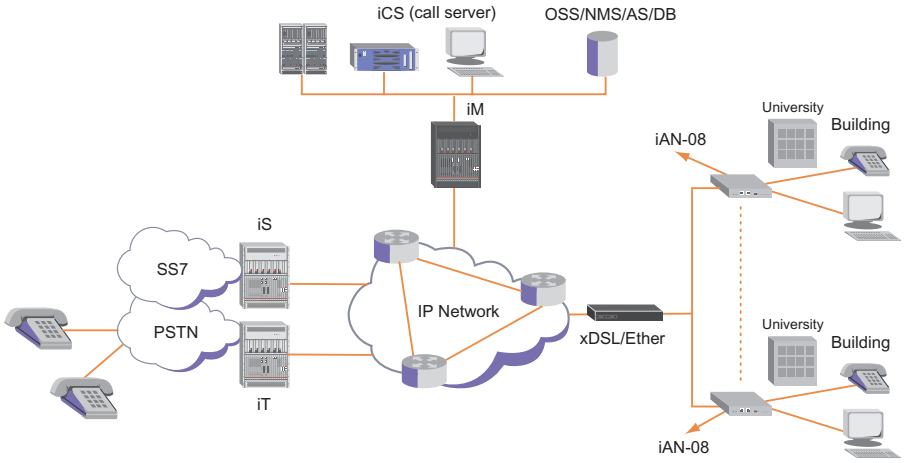
KEY FEATURES

- DESIGNED FOR ENTERPRISE VOICE OVER IP APPLICATIONS OVER AN EXISTING BROADBAND CONNECTION
- SUPPORTING MGCP, SIP VOIP PROTOCOL
- 4 FXS PORTS
- QUALITY ENHANCEMENT TECHNOLOGIES
- SUPPORTING FAX OVER IP
- HIGH RELIABILITY

PRODUCT DESCRIPTION

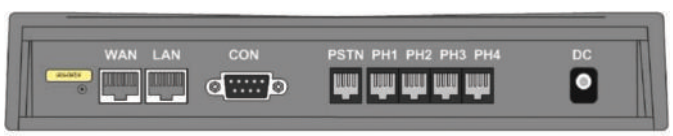
The iAN-08E4, a critical part of the Next Generation Network (NGN), it functions as an interface gateway unit between the legacy Public Switched Telephone Network (PSTN) and the IP packet network by performing the conversion of the analog voice traffic to/ from the IP-based media stream.

The iAN-08E4 is a Voice-over-IP (VoIP) Gateway that provides cost-effective and quality voice service over global IP packet network (Internet or Intranets) for end-users and in the meanwhile, lowers the installation and maintenance effort. With the analog voice interface connecting to the user's existing telephone handset or PABX and the Ethernet interface connecting to the service providers' IP network, the iAN Series bridges the PSTN and IP network.



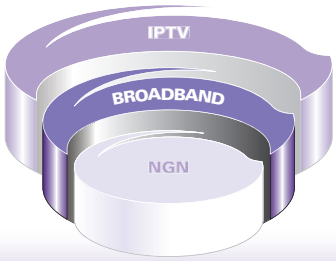
iAN-08E8 VoIP Gateway Applications.

The iAN-08E4 series VoIP gateway can uplink to Internet through DSL/Cable modem or Ethernet



iAN-08E4 Rear Picture

The iAN-08E4 has 4 RJ11 ports on the rear. Everyone could provide 1 FXS line.



Technical Specifications

PHYSICAL INTERFACE
- 1 10M/100M Ethernet (WAN)
- 1 10M/100M Ethernet (LAN)
- 4 RJ11 FXS ports
- 1 Reset

VOIP PROTOCOL
- IETF MGCP (Media Gateway Control Protocol, RFC 2705)
- IETF SIP (Session Initiation Protocol RFC3261)
- Voice Packet Encapsulation and Description Protocols: RTP (RFC1889) and SDP (RFC 2327)

QUALITY OF SERVICE
- Layer2 802.1q VLAN Tag and 802.1p
- Layer 3 different priority levels with TOS/ DiffServ field

VOICE CODEC
- ITU-T G.711 µ-Law,A-Law
- ITU-T G.723.1
- ITU-T G.729A
- ITU-T G.726

INTERNET PROTOCOL
- TCP/IP, UDP/IP, ARP/RARP, ICMP, IGMP, Telnet, HTTP Web Server, DNS Client, DHCP Client, SNMP Client, and TFTP Client
- Static Routing, RIP Version 1&2 and NAT (Network Address Translation)
- Static or Dynamic using DHCP client

QUALITY ENHANCEMENT TECHNOLOGIES
- Silence Suppression
- Comfort Noise Generation (CNG)
- Adaptive Jitter Buffer
- Echo Cancellation (ITU-T G.165/G.168 compliant)
- Compensation for Loss of Packet
- In-band or Out-band DTMF Relay
- Selectable TX/RX Gain Controls

RELIABILITY
- System Available Time> 99.99%
- MTBF > 5000 hours
- Fault Recovery Interval < 5min
- Operating Environment:
  - Temperature 0°C ~ 50°C
  - Relative humidity 10% ~ 90%, non-condensing
- Storage Environment:
  - Temperature -10°C ~ 50°C
  - Relative humidity 5% ~ 95%

FAX OVER IP
- Transparent FAX Mode
- Fax Auto-detection
- FAX Relay Mode:
  - ITU-T T.38 Real Time G3
  - FAX over IP protocol supporting ITU-T V.21, V.27ter, V.29 and V.17 up to 14,400bps

PHYSICAL SPECIFICATION
- Dimensions: 19inch Wide, 1U high
- Power Supply: 110V-230V AC input

MANAGEMENT
- Console, Telnet and SNMP
- Remote Upgrade Firmware, Configuration file

CERTIFICATION
- FCC
- CE

PART NUMBER:
iAN-08E4 Non-RoHS QXX0258800
iAN-08E4 RoHS QXX0258806

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About UTStarcom, Inc.
UTStarcom is a global leader in IP-based, end-to-end networking solutions and international service and support. The company sells its broadband, wireless, and handset solutions to operators in both emerging and established telecommunications markets around the world. UTStarcom enables its customers to rapidly deploy revenue-generating access services using their existing infrastructure, while providing a migration path to cost-efficient, end-to-end IP networks. Founded in 1991 and headquartered in Alameda, California, the company has research and design operations in the United States, China, Korea and India. UTStarcom is a FORTUNE 1000 company. For more information about UTStarcom, visit the company's Web site at www.utstar.com