DASSCOM®
Innovative Sound

DUC-E1L SERIES

PRi GATEWAY

MADE IN INDIA

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Why Choose DUC-E1L Series PRI Gateway

DASSCOM DUC-E1L is a powerful enterprise-grade PRI Gateway designed to ensure reliable and high quality voice and data transmission through E1/T1 port. gateway utilizes the standard SIP protocol and is equipped with 1 E1/T1 port. It complies with the Primary Rate Interface (PRI) standard, supporting 30 B-channels for voice and data and 1 D-channels for signaling and control. E1L gateway seamlessly connects to PBX and ISDN, offering an ideal solution for enterprises and organizations of various scales. The simple deployment, user-friendly operation, and easy management features make the an ideal choice for communication needs in enterprises

Feature Highlights

Standard SIP

The DUC-E1L gateways support the stan dard SIP protocol, enabling compatibil ity with IP-PBX systems and facilitating modern communication solutions

Stability and Reliability

The DUC-E1L gateways' full concurrent calls support allows it to simultaneously handle multiple communication channels, greatly enhancing system efficiency and performance

Full Concurrent Calls

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Easy Configuration & Management

With a Web-based graphical user inter face, administrators can easily config ure and monitor lines

Security Assurance

DUC-E1L gateways provide advanced security features such as encryption, authentication, and access control, protecting against voice traffic interception and unauthorized access, thereby ensuring reliable protection of communication data and privacy

Multiple Audio Codecs Support

The gateways support various audio codecs, allowing swift conversion be tween analog and digital voice signals. The supported mainstream codecs in clude G.722/G.711 - Ulaw/G.711 - Alaw/G.726/G.729/GSM/SPEEX

HQ Voice

Superior audio processing technology minimizes noise and packet loss during calls, ensuring high-quality voice trans mission and call experiences

QoS Support

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Applicable Scenarios

Office Buildings

Financial Institutions

Government Agencies

Retail Stores

Health Care

Hotel

School

Industrial Facilities

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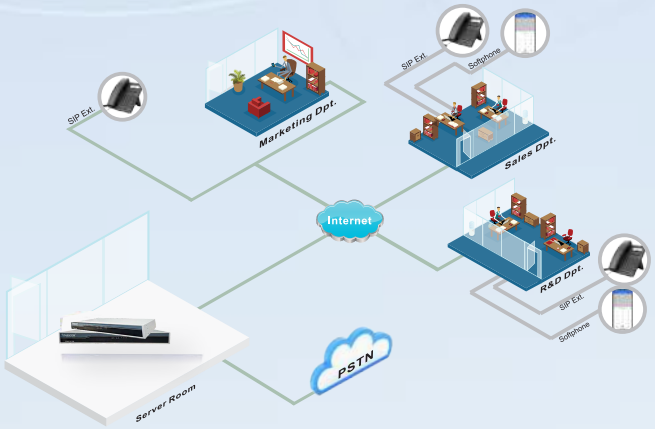
Hardware Specifications

Port	
Analog Port	1 x E1/T1 Port
Network Port	1 x 10/100Mbps, 1 x 10/100/1000Mbps Ethernet Port
Mechanical Properties	
Processor	1.5GHz Quad-core A53 processor
Memory	1GB DDR3 SDRAM
Storage	8GB SD Card
Power Input	100 - 240V AC, 50/60Hz
Dimension	440mm*171mm*44.5mm
Mounting Methods	1U Standard Mounting
Voice	
Communication Protocol	SIP (RFC3261)
Audio Codec	G.722/ G.711 - Ulaw/ G.711- Alaw/ G.726/ G.729/ GSM/ SPEEX
Transport Protocol	UDP,TCP,TLS
Voice Characteristics	Echo Cancellation, Dynamic Jitter Buffer
DTMF Mode	
Management	
System Management	Web Management, Call Records, System Logs, Ping, TCP Dump, Channel Monitor, CMD CLI, Trace Route, API
PRI Characteristics	
Signaling	PRI
Caller ID	BELL202, ETSI(V23), DTMF-based CID
Disconnect Methods	Busy Tone, Polarity Reversal
Environmental	
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 70°C
Humidity	10~90% (Non-condensing)

Topology Diagram



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