

Introduction

Corporate and Enterprise are recognizing the need for VoIP as the cost-effective alternative to the wide spread ISDN networks to protect their existing investment of both IP and ISDN products.

The Eurotech **32ch** 2E1/VoIP is a 19" rack compatible, dedicated gateway offering high-value communication experience, a simple, flexible and cost-effective solution for multi-location branch office communication.

The gateway connects to an existing PBX system using VoIP, E1 or PRI Signalling. Transferring of
 32 simultaneous calls
 VoIP to GSM and ISDN to GSM
 60 simultaneous calls from ISDN (EDSS1) to VoIP (SIP),
 VoIP to ISDN

Innovation and value at its best

32ch- 2E1/VoIP UNIBOX



Advantages

- Unit size unit 1U
- Mix both ISDN and VoIP calls simultaneously
- Flexibility, stand alone gateway or use with a sim server system*
- Advanced Human behavior, innovative features such as sim profiling, grouping, test call, test sms and more....
- SIP/H323* interface
- Bulk sms server, till 500 sms calls per port with 1 click, via email server i.e. Microsoft outlook
- CDR, via Access, Xml, CSV & FTP
- Supports most IP-PBX & ISDN exchanges
- Cost affordable

Specifications

VoIP Parameters

Voice channels

92 Simultaneous

Codecs

G.711 PCMA/U , G.729A/B ,
G726, G.723, Tone relay

Signaling

SIP - RFC 3261/H323*

Echo cancellation

G.168-2002 128ms

SIP account

Management with Authentication

SIP Server

Up to 90 SIP clients

Interfaces

Remote Control

Ethernet 10/100/1000

RJ-45

Local Control

USB COM port

UMTS Parameters

UMTS channels

32Channels

Network

UMTS 2100MHz,
(UMTS 850 / 900/ 1800 / 1900)*
GSM 850 / 900/ 1800 / 1900

UMTS engine

SIMCom

USIM

1 USIM per channel, Small plug-in,
3V

Antenna connector

SMA (female), Impedance 50 Ω

Main Power

Power Supply

100 - 240V AC, 50 - 60MHz

Power Input

Max - 230VA

GSM Parameters

GSM channels

32 Channels

Network types

850 / 900 / 1800 / 1900 MHz (quad-band)

GSM engine

Wavecom

Transmitter power

+33dBm(2W) 850/900MHz,+30dBm(1W) 1800/1900M

SIM card

1 SIM per channel, Small plug-in, 3V

Sim Server *

VoIP >VoIP on demand *

2X PRI/E1

S interface, Signalling Q.931/DSS1 for TE / NT

Synchronization

Master/Slave

Includes update capabilities for

firmware or management software versions

CDMA Parameters

CDMA channels

32 Channels

Network types

800/1900 MHz

CDMA engine

Wavecom, AnyDATA

R-UIM Card

1 R-UIM per channel, Small Plug in, 3V

Antenna connector

SMA (female), Impedance 50 Ω

Other

Dimensions

Metric: 420 x 360 x 45 mm

Weight NET

4.5 kg (9.92 lbs.)

