

SIP IP-PBX Communication Server

▶ DX160/DX240/DX320

The DX160, DX240 and DX320 bundles Dial-Office software with an embedded communication server. Dial-Office is a high-end SIP PBX telephony software that provides advanced features such as call conferencing, unified messaging, detailed CDR, call monitoring, and much more.

The DX160 supports up to 16 extensions and trunks (IP & PSTN).

The DX240 supports up to 24 extensions and trunks (IP & PSTN).

The DX320 supports up to 32 extensions and trunks (IP & PSTN).

Pre-configured and pre-tested the DX160, DX240 and DX320 are painless to install, and simple to manage. This solution provides high quality voice and supplies end-users with interactive tools that can increase productivity, lower communications costs and enhance customer service.

Dial plan with Permissions

Voicemail to Email

Call Detail Reporting (CDR)

Unified Messaging

Interoperates with VoIP Service Providers

Hunt Groups/Basic ACD

FEATURES

Integrated Voicemail

Auto Attendant/IVR

Advanced Call Forwarding

Call Park/Hold



OA&M WEB Application

BENEFITS

SIP Compliant - Interoperable with SIP Devices

Lower Communication Costs with VoIP Termination

Fully Interoperable with Industry SIP Devices



Multi-Branch Communication & Remote Extensions

PLUG & PLAY



ENHANCED FEATURES



D I A L E X I A

▶ DX160/DX240/DX320

▶ IP- PBX SPECIFICATIONS

Telephony Features

- 3-way Conferencing
- Automatic Call distribution (ACD)
- Blind Transfer
- Call Detail Records (CDR)
- Call Forward - On Busy/On No Answer
- Call Park/Hold/Retrieve, Call Queuing, Call Record,
- Call Relay, Call Routing (DID & ANI), Call Transfer,
- Call Waiting./Caller ID, Caller ID with Name/Number
- Dial by Extension/Name
- Distinctive Ring (device dependant)
- Hunt Groups
- Music On hold
- Outbound Call Blocking
- Overhead Paging (through external speakers)
- Remote Call Pickup
- Remote Office Support
- Speed Dialing (device dependent)
- Supervised Transfer

Key Features

- Auto-attendant (multi-level) with IVR
- Automatic Route Selection (ARS)
- Distribution Lists
- E911
- Email Notification of Voicemail Message
- Interactive Directory listing
- Instant Messaging & Chat (with Dial-Com Softphone)
- Interactive Voice Response (IVR)- Multi-site/location
- Message Waiting Visual Indication
- Message Waiting Stutter Dial tone
- Multiple User Voicemail Greeting (Customizable)
- Operator Escape from Anywhere
- Presence
- Unified Messaging
- URI Mapping Engine
- Voicemail to Email

Management Features

- Auto-restart after Power Failure
- Browser-based Configuration & Management
- Error/Alarm Logs
- Server Logs
- SIP Session Information Logs
- User Settings
- Voicemail Web Interface (remote access)

▶ EMBEDDED SERVER SPECIFICATIONS

General

- CPU: Onboard 800 MHZ processor
- BIOS: AMI BIOS
- I/O Chip: VT1211
- System Memory: 256MB DDR266
- Onboard LAN: 10/100Mbps LAN

Audio

- Audio Interface: Line out, Line in, Mic in

Ethernet

- Chipset: VT6103 10/100 Base-T
- Remote Boot ROM: built-in boot ROM function

Mechanical & Environmental

- Power Requirement: +5V @ 4.5A
- Operating Temperature: 0 ~ 60 C (32 - 140 F)
- Operating Humidity: 0% - 90% relative humidity, non-condensing
- Size (W x H x D): 170 x 124 x 58 mm
- Weight: 940g

▶ PROTOCOL STANDARDS

- DTMF - Out of Band (RFC 2833)
- Locating SIP Servers (RFC 3263)
- Offer/Answer model for SDP Codec Negotiation (RFC 3264)
- Reliable Provisional Responses (RFC 3262)
- RTP/RTCP (RFC 1889)
- SDP (RFC 2327)
- SIP Event Notification (RFC 3265)
- SIP using UDP & TCP transports (RFC 3261)
- Refer Method (RFC 3515)
- Referred-By Header (RFC 3891)
- Replaces Header (RFC 3892)
- Symmetric Response Routing (RFC 3581)
- Voicemail message indication - MWI (RFC 3842)

▶ DEVICE INTEROPERABILITY

- ACT (IP Phones)
- Cisco (IP Phones, Digital Gateways)
- Grandstream (FXS, FXO, IP Phones)
- Mediatrix (FXS, FXO, Digital Gateways)
- Quintum (FXS, FXO, Digital Gateways)
- Aastra/Sayson (IP Phones)
- Multitech (FXS, FXO, Digital Gateways)
- Vegastream (FXS, FXO, Digital Gateways)



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