

*DVX-8000**xStack IP Telephony*

## IP PBX Asterisk<sup>®</sup> Based

### SAVE COST

Save money by using Internet Phone Service, integrates well with known ITSPs, connect to your office on the Go

### MODULAR & SCALABLE

Expand your existing analog telephony infrastructure, supports modular analog and digital interface & features SIP/IAX trunks.

### SIMPLE INTEGRATION

Provides user-friendly administration interface and is flexible to integrate with third-party software - Asterisk API

### IP TELEPHONY

The DVX-8000M is an Intel-Atom<sup>®</sup> based Asterisk<sup>®</sup> IP PBX. The DVX-8000 features Elastix<sup>™</sup> Asterisk distribution with various combinations of telephony ports. The device can be equipped with up to 32 analog ports, or a single PRI module. The DVX-8000 supports up to 160 PSTN Analog phones ports with external Gateway units. It can handle up to 300 users and up to 60 concurrent calls.

Internet IP telephony, also called Voice over IP (VoIP), is defined as the transport of telephone calls over the Internet as standard Internet data packets. Internet telephone calls can originate from traditional phone handsets via phone line-to-Internet (Analog Trunk) gateways, by PCs using software, or embedded devices (IP Phones). Most of the interest in Internet telephony is motivated by cost savings and ease of developing and integrating new services. Internet telephony integrates a variety of services provided by the current Internet and the Public Switched Telephone Network (PSTN) infrastructure.

The DVX-8000 offers all of the essential telephony features required for medium to enterprise businesses. Features such as call forwarding, call hold, follow me, and voice mail. Incoming calls are directed by the integrated auto-attendant and hunt groups to assist callers to their destinations. It can utilize standard phone lines via an external phone line gateway or cost effective Internet telephony services.

### EXTENSIONS ANYWHERE

The DVX-8000 supports up to 300 extensions, which can be located anywhere with Internet access. Multiple units can be used to increase the number of extensions or unite a company that has many locations under a single PBX system.

### EASY WEB CONFIGURATION

The PBX phone features are user adjustable via the DVX-8000's web configuration tool. The administrator assigns each extension a profile of telephony features, which allows the best match for a user's job function. Each user can fine-tune their assigned profile via the web to match their daily business schedule.

### CONFERENCE BRIDGE

Phone conferencing is typically an expensive external hardware or service. The DVX-8000 includes a phone conferencing bridge, which makes it unsurpassed for value and features. Users are able to schedule and invite parties to conferences via the web configuration.

### KEY BENEFITS OF THE DVX-8000:

#### AS PBX:

- Configurable as core IP or hybrid PBX.
- Switches calls & Manages routes.
- Connects callers with the outside world over IP/analog (POTS) and digital connections.

#### AS GATEWAY:

- Configurable as media gateway.
- Bridges legacy PSTN to the expanding world of IP telephony.
- Conversion between a wide range of communications protocols and media codecs.

#### AS MEDIA/FEATURE SERVER:

- Provides IVR and Conference Bridge.
- Automated attendant and unified messaging.
- Can replace aging legacy voicemail systems.

#### IN CALL CENTER:

- Features built-in ACD systems.
- Additional remote IP agent capabilities.
- Advanced skills-based routing.

D-Link MEA Office	Telephone No.:
D-Link UAE	+971-4-880-9022
D-Link Egypt	+2-02-2671-8375 +2-02-2671-7280
D-Link Morocco	+212-663-727-324
D-Link KSA	+966-1-217-0008
D-Link Nigeria	+234-1-8536-769
D-Link Pakistan	+92-51-2800-397-98 +92-21-454-8158, +92-21-454-8310
D-Link Kenya	+254-20-434-3202/3/4

#### PROTOCOL STANDARDS

- Protocol Standards
- SIP (RFC 3261)
- SDP (RFC 2327)
- RTP (RFC 1889)
- RTCP (RFC 1889)
- Out-Of-Band DTMF (RFC 2833)
- IAX2 (RFC 5456)

#### MANAGEMENT FEATURES

- 300 extensions
- Supports 60 concurrent calls
- Single IP PBX supports multiple users across multiple sites
- Add external Analog Trunk Gateways to use standard phone-lines
- Save Money by using Internet Phone service (VoIP)
- User-Friendly Administration Interface
- Web-based Monitoring and Administration
- Call Statistics and Call Detail Records (CDR)

#### CALLING FEATURES

- Business Calling Features
- Caller ID
- Call Transfer (Blind Transfer and Assisted Transfer)
- Call History
- Call Hold
- Do Not Disturb
- Call Forwarding (Always/ on Busy/ on No Answer/ Follow me)
- Call Park
- Ring Group
- Call Pickup

#### IVR/AUTO-ATTENDANT FEATURES

- Music on Hold
- Configurable IVR Menu
- Voice Mail
- Mailbox Access control (PIN)
- Configurable Mail Box
- Notification via email

#### SOFTWARE

- Asterisk - 11.5.0-0
- Elastix - 2.4.0-2
- Free-PBX 2.8.1-17

#### HARDWARE

- Processor: intel Atom 1.8 ghz
- RAM: 2GB
- Hard disk: 250 GB 2.5"
- USB: 2 external USB 2.0 ports
- DVX-8000/M/E has a built in expansion Module (DVX-8010)

### TECHNICAL SPECIFICATIONS

#### CONFIGURATION

- Secure Web Based Management (Elastix GUI and FreePBX)
- Configuration Backup/Restore

EXPANSION MODULES & INTERFACE CARDS	
DVX-8020	8 port FXO module for DVX-8000
DVX-8030	1 port PRI module for DVX-8000

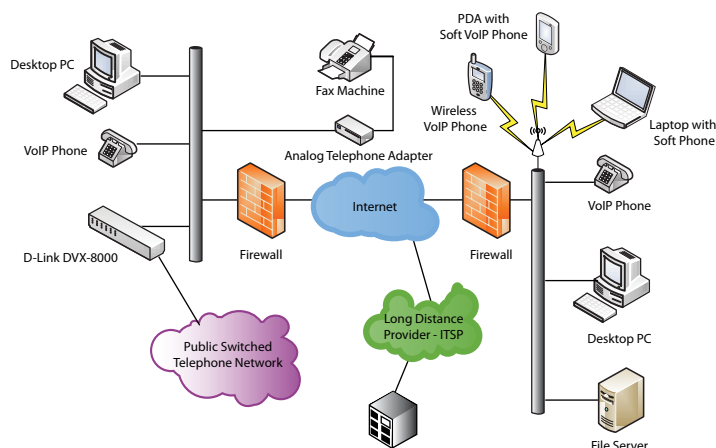


#### VOIP GATEWAYS

DVG-2102S	2 port Analog VoIP Telephone Adapter (ATA), 1WAN, 2FXS, with PPTP, L2TP VPN support
DVG-5004S	VoIP Gateway with built-in 4 FXS, 1 10/100Mbps WAN & 4-port 10/100Mbps Switch
DVG-5008S	VoIP Gateway with built-in 8 FXS, 1 10/100Mbps WAN & 4-port 10/100Mbps Switch
DVG-6004S	VoIP Gateway with built-in 4 FXO, 1 10/100Mbps WAN & 4-port 10/100Mbps Switch
DVG-6008S	VoIP Gateway with built-in 8 FXO, 1 10/100Mbps WAN & 4-port 10/100Mbps Switch

#### PHYSICAL ENVIRONMENT

Power Input	
Power supply	Internal
Voltage	Switching, auto-adjust 110/120 Volts, 50/60z
Power consumption	230 Watts (maximum)
Built-in grounding connection	✓
Environment	
Storage temperature	-20° to 70° Celsius (-4° - 158° F)
Working temperature	0° to 40° Celsius (32° - 104° F)
Humidity	20%-95%, non condensing
Dimensions & Weight	
Size	19" 2U industry standard rack-mountable chassis
Weight	8 Kg 18Lbs (weight depends on configuration)



Disclaimer: Specifications subject to change without prior notice. Asterisk is a registered trademark of Digium, Inc. Elastix is a trademark of PaloSanto Solutions. All other trademarks are the property of their respective owners.