

**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 interface & Features SIP/IAX trunks.

SIMPLE INTEGRATION

Provides user-friendly administration Interface.

IP TELEPHONY

The all-in-one DVX-2005FIP PBX can not only provide the traditional basic PBX features (call hold, call forwarding, call waiting, video call, etc.), but also provide enhanced features such as visual operator, voice mail to mail, multi-media music on hold, and auto attendant, etc. In addition, it's very convenient for SMEs' management and maintenance, also easy to upgrade. SMEs can set up own phone system to improve the company image and office efficiency.

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-2005F offers all of the essential telephony 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-2005F supports up to 100 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-2005'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.

KEY BENEFITS OF THE DVX 2005F:

AS PBX:

- Configurable as core IP or hybrid
- PBX.
- Switches calls & Manages routes.
- Connects callers with the outside world over IP/analog (POTS)
- Support build-in 4 FXO ports
- expandable up to 8 FXO ports

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.

Call Features

- Call Back
- Call Forward
- Call Group
- Call Hold
- Call Paging and Intercom
- Call Park
- Call Pickup
- Call Queue
- Call Recording
- Call Routing
- Blind Transfer
- Attendant Transfer
- Call Waiting
- Caller ID
- Dial by Name
- Music On Hold/Transfer
- 3-Way Conference
- Video Calls

PBX Features

- Black List
- BLF (Busy Lamp Field)
- CDR (Call Detailed Record)
- Conference Room (20 Rooms)
- Call Monitoring
- DID (Direct Inward Dialing Number)
- DISA (Direct Inward System Access)
- Distinctive Ringtone
- DND (Do Not Disturb)
- DNIS (Dialed Number Identification Service)
- Feature Codes
- FOP (Flash Operation Panel)
- Status Monitoring
- Follow Me
- IVR (Interactive Voice Responses)
- Mobility Extension
- Multi-Language Prompts
- Multi-Language GUI
- One Touch Recording
- Phone Book (LDAP Server)
- Phone Provisioning
- Pin Set
- Record File Download
- Ring group
- SIP Register with UDP/TCP/TLS
- SIP Trunk
- Skype for SIP
- Smart DID
- Speed Dial
- Spy
- SRTP (Secure Real-time Transport Protocol)
- T.38 Fax (Pass-through)
- Time Based Rule
- Fax to Email
- WebRTC/ Web Dial
- Voicemail & Voicemail to Email

TECHNICAL SPECIFICATIONS

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

DVX-2020 Additional 4 Port FXO Module



Network Features

- DDNS Client
- DHCP Server
- IPv4/IPv6/IEEE802.1Q
- IP Assignment (PPPoE/DHCP/Static)
- SNMP v1/v2
- TR069
- Static Route Table
- Trouble Shooting (Ping/Traceroute)
- VPN Client (L2TP/PPTP/OpenVPN/N2N/IPSec)
- VPN Server (L2TP/PPTP/OpenVPN/IPSec)

Logs

- PBX Log
- Web Access Log
- PBX Debug Log

Hardware Interfaces

- 1 Reset Button
- 1 Power Interface
- 2 Ethernet Interfaces
- 1 Console Interface
- 1 USB Interface
- Slot 1/2 for Analog

Hardware Specifications

- Processor: Dual core A7 1Ghz
- SDRAM: DDR3 1GB
- Storage: 8GB SD Card
- Power Supply: Input AC 100~240V, 50/60Hz;
- Output DC 12V/2A

Environment

- Working Temperature: 0 ~ 40°C
- Storage Temperature: -20 ~ 55°C
- Humidity: 5 ~ 95% Non-condensing

Packings

- Dimension: 280 x 150 x 65mm
- Weight/Unit: 0.8kg
- Unit/Carton: 10 Units
- Weight/Carton: 10kg

System Capacities

- 30 Concurrent Calls
- Up to 100 IP Phone Registers/Extensions
- Recording: 36,000 mins (.gsm); 4,000 mins (.wav)
- Voicemail: 36,000 mins (.gsm); 4,000 mins (.wav)

Codecs & Protocols

- Audio Codecs: G.722/G.711-Ulaw/G.711-Alaw/ G.726/G.729/GSM/SPEEX
- Video Codecs: H.261/H.263/H.263+/H.264
- Protocols: SIP (RFC3261)/IAX2
- DTMF: RFC2833/SIP INFO/In-Band