

VoIP IP PBX

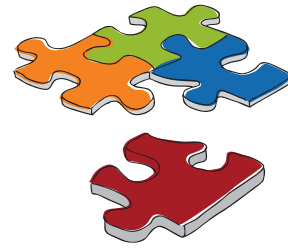
D-Link IP-PBX DVX-7090 offers all of the essential telephony features required for small and medium businesses. Features such as call forwarding, call hold, and voice mail. Incoming calls are directed by the integrated auto-attendant (DISA) and hunt groups to assist callers to their destinations. It can utilize standard phone lines via an external phone line gateway or cost effective Internet telephony services.

VoIP Gateways

VoIP gateways present an ideal Internet telephone solution for business use. These gateways convert voice traffic into data packets for transmission over the Internet, combine the industry's latest Voice over the IP network technology with advanced communication features, and are fully compatible with SIP Internet phone services. With high port densities, they provide a low cost of ownership, convenience and great savings for companies needing to place frequent long-distance and international business calls.

IP Phones

Broadband Internet IP Phones allows you to take advantage of your DSL/cable modem connection to make inexpensive Internet phone calls. It combines the industry's latest Voice over the IP network (VoIP) technology with advanced communication features, and is compatible with industry-wide phone services. This sleek designed IP phone gives you the advantages of VoIP, while retaining the same look and feel of a traditional desktop telephone.



DVX-7090

19" Rackmount

MERA SIPrise Platform



10/100BASE-TX x 4

- up to 400 users
- up to 90 calls (G729, G723)
- up to 110 calls (G711)
- 3 way conferencing: up to 5 concurrent conferences
- Support Call Control Protocol: H.323 v.2, H.245 v.7, H.225 v.4, SIP (3261), RTP/RTCP, T.38
- Supported codecs: G.729, G.729A, G.723, G.711 mU-Law, G.711 A-Law
- Call transfer, hold, forward
- RADIUS
- DISA
- Codec conversation
- Web-based management

Up to 8 Ports Gateways

External Power Supply

Compact Desktop

10/100BASE-TX Fast Ethernet port (WAN) x 1
10/100BASE-TX Fast Ethernet port (LAN) x 4

- SIP v.2 (RFC3261)
- Codec G711 a/u, G729, G723
- FAX: G711, T.38
- QoS
- HotLine/WarmLine
- DVG-71115 - 1FXO/1FXS
- DVG-70225 - 2 FXS/2 FXO
- DVG-70445 - 4 FXS/4 FXO
- DVG-50045 - 4 FXS
- Call Hold, Transfer, Forward
- Static IP, DHCP, PPPoE
- WEB, Telnet, Auto Provision
- Digit Map
- DVG-50085 - 8 FXS
- DVG-60045 - 4 FXO
- DVG-60085 - 8 FXO

DVA-G3672B

External Power Supply

Compact Desktop

USB 1.1



DVG-5402SP/G5402SP

External Power Supply

Compact Desktop

10/100BASE-TX Fast Ethernet (WAN) x 1
10/100BASE-TX Fast Ethernet (LAN) x 4
FXS RJ-11 ports x 2, FXO RJ-11 port x 1 (LifeLine)

- SIP v.2 (RFC3261)
- Codec G711 a/u, G729, G723
- Support QoS, NAT, PPP over Ethernet
- 64/128/256-bit WEP encryption, WPA
- Web, UPnP 1.0, SNMP, Remote Management
- IP/MAC filtering, SPI support
- QoS
- FAX: G711
- IP routing support
- Built-in 802.11g Wireless AP (DVG-G5402SP)

Up to 32 Ports Gateways

Internal Power Supply

19" Rackmount



DPH-150S/SE

External Power Supply

SIP v.2 (RFC3261)

10/100BASE-TX Fast Ethernet x 2

- Acoustic echo cancellation(G.167)
- Codec G711 a/u, G729, G723
- Bridge/Router modes
- Adjustable speaker/ringer vol.control
- Russian menu, Internet Radio, P2P calls
- Static IP, DHCP, PPPoE
- WEB, Telnet, Auto Provision
- LCD display
- 12 memory function keys
- QoS IEEE 802.1Q & DiffServ(DSCP), PoE (for DPH-150SE only)

DPH-400S/SE

External Power Supply

SIP v.2 (RFC3261)

10/100BASE-TX Fast Ethernet x 2

- Acoustic echo cancellation(G.167)
- Codec G711 a/u, G729, G723
- Bridge/Router modes
- Adjustable speaker/ringer vol.control
- Up to 4 accounts simultaneously
- Modules: DPH-400EDM Programmable Key Pad Extender for Speed Dials Numbers
- Static IP, DHCP, PPPoE
- WEB, Telnet, Auto Provision
- LCD display, 12 memory function keys
- QoS IEEE 802.1Q & DiffServ(DSCP), PoE (for DPH-400SE only)

GePON OLT Switch

The DPN-3012 provides Point to Multi-Point (P2MP) connection from the Central Office's (CO) Optical Line Terminal (OLT) with single strand fibers going out to passive optical splitters where signal are multiplied to different lines. The GE-PON service delivers up to 1Gbps speed over optical fiber wiring. The OLT converts GE-PON interface conforming to IEEE 802.3ah to trunk interface. Each OLT provides 4 1000BASE-T/SFP Combo interfaces as trunk interfaces, and supports L2 functions. Each GE-PON interface can accommodate up to 32 ONU through the optical splitter

DPN-3012-E

3 Slots for I/O modules

AC Power Terminal

Up to 384 ONU
Combo 1000BASE-T/SFP 802.3ah Uplink Ports x 4
GEPON Port (SC Connector) x 12

- SNMP
- QoS
- Q-in-Q
- Link Aggregation
- 802.1q VLAN
- FEC
- Packet filters
- Multicast VLAN
- L2 ACL
- ONU auto configuration
- MAC authentication
- AES-128 Encryption
- IGMP Snooping v1/v2

Up to 1Gbps Speed for downstream/upstream
OLT Ports Supports Up to 20km Single-Mode Fiber Cable Length
Dual Configuration Support

I/O modules:
DPN-3012-E-01 - 4 PON ports (up to 32 subscribers per port)

DPN-301

External Power Supply

Compact Desktop

10/100/1000BASE-T x 1
GEPON Port (SC Connector) x 1
Up to 10 km Fiber Cable Length Support

- 802.1q VLAN
- AES Encryption
- 802.1x Supplicant
- IGMP Snooping v1/v2
- 802.3ah EPON protocol
- ONU Authentication

Upstream (ONU->OLT) wavelength: 1310nm
Downstream (OLT->ONU) wavelength: 1490nm

DPN-301L

External Power Supply

Compact Desktop

10/100/1000BASE-T Gigabit Port x 1
GEPON Port (SC Connector) x 1
Up to 20 km Fiber Cable Length Support

- 802.1q VLAN
- AES Encryption
- 802.1x Supplicant
- IGMP Snooping v1/v2
- 802.3ah EPON protocol
- ONU Authentication

Upstream (ONU->OLT) wavelength: 1310nm
Downstream (OLT->ONU) wavelength: 1490nm

DPN-304

External Power Supply

Compact Desktop

10/100BASE-TX x 1
GEPON Port (SC Connector) x 1
Up to 10 km Fiber Cable Length Support

- 802.1q VLAN
- AES Encryption
- 802.1x Supplicant
- IGMP Snooping v1/v2
- 802.3ah EPON protocol
- ONU Authentication

Upstream (ONU->OLT) wavelength: 1310nm
Downstream (OLT->ONU) wavelength: 1490nm

DPN-304L

External Power Supply

Compact Desktop

10/100BASE-TX Fast Ethernet Ports x 4
GEPON Port (SC Connector) x 1
Up to 20 km Fiber Cable Length Support

- 802.1q VLAN
- AES Encryption
- 802.1x Supplicant
- IGMP Snooping v1/v2
- 802.3ah EPON protocol
- ONU Authentication

Upstream (ONU->OLT) wavelength: 1310nm
Downstream (OLT->ONU) wavelength: 1490nm

DPN-304T

External Power Supply

Compact Desktop

10/100BASE-TX Fast Ethernet Ports x 1
GEPON Port (SC Connector) x 1
Up to 10 km Fiber Cable Length Support
RF Output

- 802.1q VLAN
- AES Encryption
- 802.1x Supplicant
- IGMP Snooping v1/v2
- 802.3ah EPON protocol
- ONU Authentication

Upstream (ONU->OLT) wavelength: 1310nm
Downstream (OLT->ONU) wavelength: 1490nm

CATV Features:
• Share 1 SC connector with EPON for CATV optical input
• Provide 1 SMB-type connector for RF output
• Input Optical Power: -6~2dB
• CATV broadcast Wavelength: 1550nm
• RF Output Frequency Range: 47 ~870MHz
• RF Output Level: 14-17dBmV/CV