



### FEATURES & BENEFITS

- + Large Grayscale Graphical LCD
- + Supports IEEE 802.3af Power over Ethernet (PoE)
- + Twelve Programmable Functional Keys - Line, One-Touch Dial, Park
- + Three Soft Keys – MWI, Call History, Conference & Internet Radio
- + Easily Add More IP Phones to a VoiceCenter Phone System – Up to 50
- + Multi-user Support for Up to 4 SIP Accounts
- + Designed with Simplicity in Mind: Easy to Install and Use
- + No Fees or Licenses Required for Adding More Phones
- + After-Hours Receptionist Setting
- + One-touch Voice-activated Dialing and Voicemail Access
- + Voicemail to E-mail Forwarding
- + 3-way Call-conferencing
- + Intercom and Paging
- + Full Duplex Speakerphone
- + Mute, Hold, Transfer
- + View Call History on the LCD Display
- + Connect a Phone and Computer Using a Single Ethernet Connection From a Network
- + VPN Access
- + Auto Phone Discovery Feature Makes Installing Hardware Quick and Easy



## VoiceCenter™ Multiline IP Phone

### For Your Business or Home Office Needs

The DPH-128MS is a full-featured IP phone. Featuring a full duplex speakerphone, a 3.2" grayscale graphical LCD provides features such as date and time, calling party name and number, digits dialed, presence information, and four navigational keys to guide you through all the call features and functions, twelve programmable functional keys for Line, One-Touch Dial, and Call Park, and three soft keys for MWI, Call History, Conference and Internet Radio. In addition, the phone also supports IEEE 802.3af Power over Ethernet (PoE), supplying power through the Ethernet cable eliminating the need for a power adapter.

### What Is VoiceCenter™

D-Link® VoiceCenter™, a Microsoft® Response Point™ phone system, is designed for small to medium-sized businesses with support for up to 50 users. VoiceCenter is an IP-based phone system that provides numerous advantages over traditional PSTN (analog) phone systems while retaining the reliability of PSTN phone lines for accepting inbound and making outbound calls. Unlike previous generations of complicated, hard-to-use IP-based products, VoiceCenter is easy to install, manage, and maintain. Rather than taking days, it takes less than an hour to set up the entire phone system. VoiceCenter is also portable - businesses that need to relocate offices can take the phone system along. In addition, VoiceCenter provides state-of-the-art features such as Voice-activated Dialing and Voicemail Access, Automated Attendant for routing calls, Call Logs for managing phone usage, and Automatic Phone and Gateway Discovery allowing for a simplified setup process.

Additional VoiceCenter features include 2-way intercom or 1-way pages using the intercom system, VPN access enabling people to use the phone system remotely, and automatic parked-call return. You can even schedule an Automated Receptionist to handle calls after-hours, holidays, or even during business closures.

### Add More Phones As You Go

The VoiceCenter phone system is a scalable solution that supports up to 50 DPH-128MS IP Phones to a network. There are no fees or licenses required for adding more phones to the system. Thus, as your company grows and hires new employees, you only need to purchase more DPH-128MS IP Phones.

### State-of-the-Art Features

The DPH-128MS IP Phone includes many features not found in analog phones as well as standard features that you are used to having. The One-touch Voice-activated Dialing feature allows users to reach anyone in the company directory or their Microsoft Outlook address book by simply saying their name. Users can also transfer, park, and retrieve calls the same way. Voicemail to e-mail forwarding is another convenient feature. You can also easily view incoming and outgoing phone calls made by using the Call History function. In addition, standard features such as Mute, Hold, Transfer, Speakerphone, and 3-Way Conference functions are included.

### Easy To Install And Use

Because the entire VoiceCenter phone system is designed with simplicity in mind, you can set up a phone and user from start to finish in minutes. To minimize time and hassle with Ethernet cabling, the IP Phone provides a pass-through Ethernet port for connecting another device such as a computer to a network. Additionally, since the DPH-128MS supports PoE, it can be powered through the Ethernet cable if your network is connected to a PoE switch. This eliminates the need to use the included power adapter, frees up your power outlet for other devices, allows for installation in places where a traditional outlet is not available, and reduces cable clutter on your desk. Once the hardware connection is made, you can use the Phone Setup Wizard provided by the Microsoft Response Point software to assign extensions and names that only takes a couple of steps.

The D-Link DPH-128MS IP Phone, which is a part of the VoiceCenter phone system, is ideal for today's productivity and efficiency-minded small to medium-sized business by providing state-of-the-art and standard telephony features that is easy to install and convenient use.

### VoiceCenter™ Multiline IP Phone



#### Software Specifications

Phone Features	+ Multi-user (up to 4 SIP accounts)	+ One-Touch Dialing (up to 11 entries)
	+ Speed Dialing (up to 10 entries)	+ Phone Book (up to 200 contact names and phone numbers)
	+ Full Duplex Speaker Phone	+ Pre-dialing before sending
	+ Ringer, speaker, handset and headset volume settings	+ Caller ID
	+ Day/Time display	+ Call timer display
	+ 9 Selective Ring tones	+ Incoming call Indicator
	+ Password control for Configuration	+ MP3 Ringer
	+ Internet Radio	
Call Features	+ Call Hold/Resume	+ Call Mute
	+ Call Transfer (Blind, Attend & Early Attended Transfer)	+ Call Forward (Busy, No answer, Unconditional)
	+ Call Waiting & Indication	+ Three Way Conferences
	+ Anonymous Call / Rejection	+ Message Waiting Indication
	+ Do Not Disturb	+ Redial / Last Number Redial
	+ Auto Answer	+ Call Park/Retrieve
	+ Call Pickup	
Voice Codec	+ G.711a/u (64kbps)	+ G.729a/b (8kbps)
Advance Voice Quality Feature	+ Silence Suppression	+ Acoustic Echo Cancellation (G.167)
	+ Voice Activation Detection (VAD)	+ Comfort Noise Generation
	+ Jitter Buffer	+ DTMF Transmitter (SIP info, Transparent, RTP 2833 relay)
	+ Packet Lost Concealment (PLC)	
Signal, Media & Network Protocols	+ SIP RFC 3261	+ SDP RFC 3266
	+ RTP RFC 1889	+ IP assignment: DHCP, Static IP
	+ STUN, UPnP & static port mapping (for NAT traversal)	+ SNTP
	+ DNS & DNS SRV	+ TFTP/FTP/HTTP for Auto Provision
	+ IP/TCP/UDP/ARP/ICMP	
Network Capability	+ QoS: IEEE 802.1Q & IEEE 802.1p Compliant	+ DiffServ (DSCP)/ToS
	+ Full range VLAN ID Support	+ Class of Service Support by VLAN Tag
User Interface and Network Management	+ LCD/Keypad UI	+ HTTP (WEB) UI
	+ FTP/TFTP/HTTP for Firmware remote update	+ APS auto-provisioning for firmware and profile upgrade
	+Emergency upgrade if firmware is corrupted	

### VoiceCenter™ Multiline IP Phone



#### Technical Specifications

Physical	+ Item Dimension: 7.9" x 8.6" x 3.9" (200mm x 220mm x 100mm)	
	+ Item Weight: 1.8 lbs (840g)	
	+ Packaging Dimension: 11.9" x 8.2" x 3.5" (302mm x 209mm x 89mm)	
	+ Packaging Weight: 3.1lbs (1.4Kg)	
Power Adapter	+ Input: 100~120 VAC	+ Output: DC 5V / 2000mA
	+ Maximum Watt: 10 Watts	
Power over Ethernet (PoE)	IEEE 802.3af PoE through WAN interface	
Power Consumption	+ Typical: 2.8 Watt (Standby)	+ Max.: 4.1 Watt (Talking)
Temperature	+ Operating: 32°F to 104°F (0°C to 40°C)	+ Storage: -4°F to 140°F (-20°C to 60°C)
Related Humidity	+ Operating: 10% ~ 90 % (Non-condensing)	+ Storage: 10% ~ 95% (Non-condensing)
Warranty	1-Year Limited <sup>1</sup>	

#### Ordering Information

<u>Part Number</u>	<u>Description</u>
DPH-128MS	VoiceCenter Multiline IP Phone for Response Point
DPH-125MS	VoiceCenter IP Phone for Response Point
DVX-2000MS	VoiceCenter IP Phone System Base Unit for Response Point
DVX-2000MS-5	VoiceCenter IP Phone System, 5-Phone Kit for Response Point
DVX-2000MS-10	VoiceCenter IP Phone System, 10-Phone Kit for Response Point
DVG-3104MS	VoiceCenter 4-Port PSTN Gateway for Response Point

#### MINIMUM SYSTEM REQUIREMENTS

+ DVX-2000MS (VoiceCenter Phone System) and DVG-3104MS (VoiceCenter 4-Port PSTN Gateway for Response Point)

#### PACKAGE CONTENTS

+ VoiceCenter Multiline IP Phone  
 + CD-ROM<sup>2</sup> with Product Documentation  
 + CAT5 Ethernet Cable  
 + Power Adapter  
 + Quick Install Guide  
 + Wall Mount Kit

<sup>1</sup> 1-Year Limited Warranty available only in the USA and Canada.

<sup>2</sup> Latest software and documentation are available at <http://support.dlink.com>

Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

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