ANDROID IP VIDEO PHONE

DPH850S IDEAL FOR HOME &OFFICE

The D-LinkDPH850S is the latest innovation of advanced color IP video phone. Unified with audio, video, applications, the DPH850S is a powerful, easy-to-use business video phone. Its large display and ease of use make DPH an ideal all-in-one tool for today's busy executives and managers, whether they are in office, soho, healthcare, etc. With its superb user experience and rich business features, it creates an immersive, face-to-face experience over the network, empowering you to collaborate with others like never before.

FACE-TO-FACE AUDIO VIDEO COMMUNICATION

DPH850S incorporate 2M pixels camera and delivers business-grade video calling. With the most advanced video codec H.264 and CIF@30fps video up to 1Mbps, DPH850S provides realistic visual communications even at low bandwidth. Furthermore, users can use DPH850S as a desktop video phone to attend video meetings for it is compatible with video conferencing system. It also comes bundled with several applications including Door Phone, SIP Camera etc.

EXTENSIVE PHONE FEATURES

DPH850S is equipped with rich business features including 4 sip accounts, supporting PoE, Audio & Video conferencing, BLF, Intercom, call pickup and a host of telephony functions, which increase efficiency on decision-making when cooperating with others. With extensive storage capacity for directories and call logs, DPH850S improves efficiency by showing more call information through a simple touch .It also comes with an array of features like rotatable CMOS sensor camera with 2Mega pixels, SD card,USB&HDMI, and also supports Android apps, Moreover it is fully interoperable with leading IP PBX system.
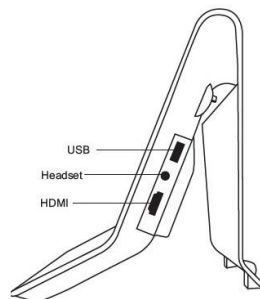
Video Features

> Video codec: H.264,H.263&MPEG4

> Image codec: JPEG, GIF, PNG, BMP

> Video capacity: up to D1
(800x480)@30fps > Video call format:
CIF,QCIF,QVGA,4CIF

> Bandwidth selection: 128kbps~1Mbps

> Frame rate selection: 10~30fps

> Adaptive bandwidth adjustment

> I-frame adjustable

> Picture-in-Picture (PIP)

> Full screen for remote side

> Video control of local side

> HDMI output

> Door phone and IP camera application

Audio Features

> HD voice: HD codec, HD handset, HD speaker

> Voice codec: G.711(A/µ), G.723.1, G.729AB
G.722,G.726,ilbc,Amr NB,AwR wB

> DTMF: In-band, Out-of-band(RFC 2833) and SIP
INFO

> Professional Speaker/HD Voice

> Ergonomic handset

> Voice activity detection

> Comfort noise generation

Network and Security

> Supports SIP2.0 (RFC3261) and
correlative RFCs

>Supports IAX2 (Optional)

>Support PSTN (Optional)

>SIP supports 6 SIP servers,and 3
backup SIO servers. Can connect to these SIP
servers at the same time

 NAT transverse: STUN mode

> Proxy mode and peer-to-peer SIP link mode

> IP assignment: static/DHCP/PPPoE

> HTTP/HTTPS web server

> Time and date synchronization using SNTP

> UDP/TCP/DNS-SRV(RFC 3263)

> QoS: 802.1p/Q tagging (VLAN),Layer 3 ToS, and
DSCP

IP Phone Features

> 4 VoIP accounts, Video/Voice call

> 20 one-touch soft DSS keys, Speed dial

> Dial/answer call type selection (video or voice)

> Call forward, Call waiting, Call transfer, Call hold

> Call manager, Mute, Redial, Auto answer

> DND, Caller ID display, Call history, Call statistics

> Voice mail

> Local 3-way audio conference

> Direct IP call without SIP proxy

> Phonebook with contact picture,

> Group manager, Black list

> Picture dial, XML/LDAP remote phonebook

> New message and missed call notification

> Volume(handfree/handset/headset/ring)
adjustment

> Wall paper, Video/Photos screen saver

> Video/photo/wallpaper/ringtone manager

> Set date time manually or automatically

> National language selection

> Backlight time selection

> Busy lamp field (BLF), BLF list

> Message waiting indicator (MWI)

> Intercom, Music on hold

> Call park, Call pickup

> Anonymous call, Anonymous call
rejection

> DND & forward synchronization

Maintenance and Management

> Android 2.1

>Third party android application, e.g email
IM,Internet Radio,web browser

>Application market

>Desktop/google search

>Desktop widget

>Web,telnet and keypad management

>Management with diffrent account right

>Support automatic
upgrades/configuration deployment

>Support encrypted configuration files
download with AES

>Support pushing message

>Support SNMP(Optional)

>Support TR-069(Optional)

Technical Specification

Item		DPH-850S
Adapter(Input/ Output)		input：100-240V output：12V/1A
Port	WAN	10/100Base-T RJ-45 for LAN
	LAN	10/100Base-T RJ-45 for PC
	headset	RJ9
	USB	Usb 2.0
	HDMI	HDMI A
Power Consumption		Idle: 2.5W/Active: 5W
LCD Size		Diagonal：7 inch Pixels：800x480
camera		2 mega pixel
Operation Temperature		0~40℃
Relative Humidity		10~65%
CPU		Broadcom BCM11211+BCM11181+BCM 11181 667MHz + 333MHz voice DSP + 200MHz video process with 3D acceleration
SDRAM		256MB
Flash		512MB

USB

Headset

HDMI

Certification

FC CCC CE ROHS