



The DPH-200SE is a purpose-built IP phone designed for the modern hospitality environment. Its sleek, contemporary form factor, superior HD voice quality, and seamless integration with leading communication platforms make it the ideal intelligent terminal for discerning hotel operators. The DPH-200SE reflects both economical and environmentally-conscious product principles.

KEY FEATURES

3.5" Colour Screen

- Vibrant display for personalised guest info
- Remotely customisable via management platform
- Show branding, weather, or promotions

6 Programmable Keys

- One-touch: Housekeeping, Room Service
- Concierge, Switchboard & more
- Automated Wake-up Call support

USB Charging Port

- Convenient charging for guest devices
- Reduces need for separate chargers
- Integrated into the phone body

HD Voice Quality

- Wideband codecs: G.722 & OPUS-WB
- Full-duplex speakerphone
- Echo cancellation & noise suppression

Video Call Support

- View incoming feeds from door phones
- Enhances in-room security awareness
- Seamless SIP video integration

PoE Powered

- Power & data via a single Ethernet cable
- Simplified, low-cost installation
- Eliminates wall adapter clutter

OVERVIEW

- 2 SIP Lines
- HD Voice
- Power over Ethernet (PoE) & 5V/2A Adapter
- Handset & Hands-free Mode
- Built-in 2.4GHz Wi-Fi (IEEE 802.11b/g/n)
- Dual RJ45 Network Ports
- 3.5-inch (480×320) Color Display

CALL FUNCTIONS

- Call Out / Answer
- Mute / Unmute
- Call Hold & Resume
- Speed Dial & Redial
- Auto-Answering & Hot Line
- Customized Ringtone
- Call Logs: Incoming / Outgoing / Missed (max 600)

AUDIO

- Wideband ADC/DAC — 16 kHz Sampling
- Narrowband Codecs: G.711A/U, G.729AB, iLBC, G.723.1, G.726
- Wideband Codecs: G.722, Opus
- Full-Duplex Speakerphone with AEC
- VAD / CNG / BNE / Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, RFC2833, SIP INFO
- VQM Voice Quality Monitoring

- Hardware Video Decoding: H.264 / H.265 (Optional)
- Video Resolutions: QVGA, CIF, VGA, 4CIF, 720P, 1080P

PROTOCOLS

- SIP v1 (RFC2543), v2 (RFC3261) over UDP / TCP / TLS
- RTP / RTCP / SRTP
- STUN, DHCP, IPv6, PPPoE, L2TP, OpenVPN
- SNMP, FTP/TFTP, HTTP/HTTPS, TR-069

PHONE FUNCTIONS

- Programmable DSS / Soft Keys
- Action URL / Active URI
- Web Dial
- Dial Plan
- SIP Hotspot
- Distinctive Ring & Multicast

NETWORK

- 10/100 Mbps Ethernet
- IP Mode: IPv4 / IPv6 / Dual Stack
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN: 802.1P/Q
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- Wi-Fi Security: WPA / WPA2-PSK / 802.1X EAP

DEPLOYMENT & MANAGEMENT

- Auto-Provisioning: FTP / TFTP / HTTP / HTTPS / DHCP OPT66 / SIP PNP / TR-069
- Web Management Portal
- Web-Based Packet Dump
- Configuration Export / Import
- Firmware Upgrade
- Syslog

PHYSICAL SPECIFICATIONS

- Display: 3.5-inch (480×320) Color Screen
- Keypad: 26 Keys total
 - — 12 Standard Digit Keys
 - — 6 DSS Keys
 - — 4 Function Keys (Hold, Transfer, Redial, MWI)
 - — 3 Volume Control Keys (Up/Down/Mute with LED)
 - — 1 Hands-Free Key
- MSG Indicator LED (Red)
- HD Handset: RJ9 Port x1
- RJ45 Ports: Network x1 + PC x1 (Bridged)
- USB Port: Standard-A x1
- Power: 5V/2A DC or PoE
- PoE Consumption: 1.5W – 5.65W
- Adapter Consumption: 2.13W – 7.46W
- Operating Temp: 0°C – 45°C | Humidity: 10–95%