



WIRELESS DECT™ IP PHONE SOLUTION

BENEFITS

- Rest assured that your devices stay cleaner for longer with integrated Microban® antimicrobial product protection
- Maintain confidence that your devices will last and that your investment is protected: The ruggedized handsets are drop proof (up to 6.6 ft/2 m) and IP65 dust-tight and water resistant
- Conversations are safe and secure with DECT™ wireless security that maintains DECT™ encryption even in repeater mode
- Scale as you grow: Choose from various quantities of handsets to meet your organization's needs and shift sizes
- Communicate hands-free with a Poly headset using the built-in Bluetooth® on Poly Rove 40 or the 3.5 mm connection on Poly Rove 30 and Poly Rove 40

POLY ROVE FAMILY

Keep the conversation going whenever, wherever—at work. Built for on-site employees the Poly Rove wireless IP phone solution delivers the sweet freedom to move and the flexibility to scale as you grow. Dropped phone? No problem. You're covered with ruggedized IP65, dust-tight, and water-resistant technology. Protection doesn't stop there. Built to stay cleaner for longer with Microban® antimicrobial product protection. And guard your most critical conversations with DECT™ technology. We've got you covered. Built to last. Built to scale. Never miss a call.

- Integrated Microban® antimicrobial product protection
- Ruggedized IP65-rated handsets
- Secure DECT™ encryption, even in repeater mode
- Highly scalable system
- Operable with Poly hands-free headsets
- Cloud device management software (available through service providers, some services sold separately)

POLY ROVE B4 DECT™ BASE STATION



SPECIFICATIONS

DECT™ FREQUENCY

- 1920-1930 MHz (North America SKU)
- 1880-1900 MHz (EU/ANZ/UK SKU)

RANGE

- Indoor: up to 165 ft (50 m)
- Outdoor: up to 980 ft (300 m)
- Range increases by up to 50 m or up to 300 m depending on environment as a base station or repeater is added

AUDIO FEATURES

- Narrowband Codecs: G.711 A-law and μ -law, G.726, G.729A, G.729AB
- Wideband Codec: G.722, Opus
- Voice activity detection
- Comfort noise generation
- DTMF tone generation (RFC2833 and SIP INFO)
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Advance Noise Cancellation
- Packet loss concealment
- G.165, 168 echo cancellation
- Silence suppression

TELEPHONY FEATURES

- Up to 30 Handsets per Base Station
- Up to 8 Simultaneous Calls per Base Station
- Up to 1000 Handsets per System
- Up to 1000 SIP Registrations per System
- Up to 2000 Simultaneous Calls per System
- Shared call/bridged line appearance
- Distinctive incoming call treatment/call waiting
- Call timer and call waiting
- Call transfer, hold, pickup, call resume

DATA SHEET

- Called, calling, connected party information
 - Local or network based three-way audio conferencing
 - Missed Call Notifications
 - Do Not Disturb (DND) function
 - Intercom
 - Enhanced Call Park
 - Caller ID enable/disable
 - Call forward on busy, on no answer, unconditional
 - Message Waiting Indicator (MWI)
 - LED Indicator
 - Locate Handset and Handset Registration Button
 - Monitor signal strength of handsets
 - Monitor battery life of handsets
 - Out of voice band DTMF (RFC 2833)
 - Out of voice band DTMF (SIP INFO METHOD)
 - Call progress tone generation
 - Daylight Savings Time support—worldwide
 - XSi directory
 - XML/LDAP/remote phonebook
 - DECT™ redundancy
 - Maximum number of sessions—dependent per service
 - Codec profile per SIP SP
 - Dynamic audio payload
 - SUBSCRIBE/NOTIFY Framework (RFC 3265)
 - NOTIFY dialog, line status
 - SUBSCRIBE message summary
 - VoIP NAT interworking
 - DATA Header support
 - Remote-Party-ID (RPID)
 - P-Asserted-Identity (PAID)
- ### NETWORK
- 10/100 Base Ethernet Port
 - Conforms to IEEE802.3-2005 (Clause 40) for physical media attachment
 - Conforms to IEEE802.3-2002 (Clause28) for link partner auto-negotiation
 - SIP protocol support
 - SDP
 - Manual or dynamic host configuration protocol DHCP network setup
 - Time and date synchronization using SNTP FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
 - SNTP (RFC 2030)
 - Provisioning and call server redundancy supported¹
 - QoS support—IEEE 802.1p/Q tagging
 - (VLAN), Layer 3 TOS, and DHCP
 - CDP/LLDP-MED for VLAN discovery
 - Network address translation—support for static configuration and “Keep-Alive” SIP signaling
 - RTCP and RTP support
 - Event logging

- Syslog
- MAC Address (IEEE 802.3)
- UDP (RFC 768) in SSL/TLS
- TCP (RFC 793) in SSL/TLS
- IPv4 (RFC 791) – static IP and DHCP support
- ICMP (RFC 792)
- ARP—address resolution protocol
- Domain Name System (DNS) A records (RFC 1706) and SRV records (RFC 2782)
- DNS NAPTR
- RTP/RTCP (RFC 1889)
- DHCP Client (RFC 2131)
- DiffServ (RFC 2475)—independently configured service, SIP and media
- ToS (RFC 791, 1349)—independently configured service, SIP and media
- VLAN tagging (802.1p)—independently configured service, SIP and media

MANAGEMENT AND CONFIGURATION

- Provisioning via PDMS-SP
- Troubleshoot interface: Syslog, PCAP and Web
- Secure Remote Provisioning: HTTPS, Encrypted XML via TFTP or HTTP
- Customization: Poly Zero Touch
- System settings back-up/restore: Save and restore configuration via XML file to/from a local folder

SECURITY

- 802.1X authentication and EAPOL
- Media encryption via SRTP
- Transport layer security¹
- Encrypted configuration files¹
- Digest authentication
- Username and Password web interface access via HTTP or HTTPS
- HTTPS secure provisioning¹

RTP STATISTICS

- Audio Codec Type (Tx/Rx)
- RTP Packetization (Tx/Rx)
- RTP Packet Count (Tx/Rx)
- RTP Byte Count (Tx/Rx)
- Packets Out-Of-Order
- Packets Interpolated
- Packets Dropped
- Packets Lost
- Jitter Buffer Length-ms
- Received Interarrival Jitter-ms
- Jitter Buffer Underruns
- Jitter Buffer Overruns

BASE STATION POWER

- External Universal AC adapter (5V 2A DC)
- Power Over Ethernet (POE)

POLY ROVE B4 DECT™ BASE STATION COMES WITH:

- Base Station
- Stand
- Ethernet Cable
- Wall Mounting Kit
- Quick Start Card
- Safety Sheet²

COMPLIANCE

- USA FCC
- Canada IC RSS
- EEA CE
- AU/NZ RCM
- NZ Telepermit
- Hong Kong HKCA
- Singapore IMDA TS CT-CTS
- ROHS compliant
- ENERGY STAR

SAFETY

- UL 62368-1
- CE Mark
- CAN/CSA C22.2 No 62368-1
- EN 60950-1 and 62368-1
- IEC 60950-1 and 62368-1
- AS/NZS 60950.1 and 62368.1

OPERATING CONDITIONS

- Temperature: -10 to +55°C (+14 to +131°F)
- Relative humidity: 5% to 95%, non-condensing
- Storage Temperature: -40 to +70°C (-40 to +158° F)

WEIGHT

- Base station weight: 0.179 kg

UNIT BOX DIMENSIONS (W X H X D)/WEIGHT

- Base Station box dimensions: 184 x 139 x 44 (mm)
- Base Station box weight: 0.313 kg (with product, accessory, and documents)

MASTER CARTON QUANTITY

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COUNTRY OF ORIGIN

- China

WARRANTY

- 1-year limited warranty