ErisTerminal® SIP DECT 4-Line Base Station

VDP650

The VDP650 SIP DECT 4-Line Base Station supports up to 10 phones in the VTech ErisTerminal Cordless 4-Line Series, including the VDP651 SIP DECT Cordless 4-Line Handset and the VDP658 SIP DECT Cordless 4-Line Deskset. This cordless family of phones features four programmable LED backlit line keys on the handsets and desksets. With key system emulation, the VDP650 Series handles shared line appearances locally without the need for SCA (shared called appearances) support from your provider. This allows an easy and intuitive method for your customers to see incoming calls, hold calls, and resume calls from any handset or deskset with a simple press of a button. If you need to reach those distant corners of your business, the base station also supports up to five VSP605 DECT repeaters.

VDP650 Key Features

Key system emulation
Easily handle calls with shared line appearances/shared call appearance (SCA[1]) across all cordless phones without the need for SCA support from your provider. The VDP650 base station handles the SCA lines locally, so you can answer, hold and resume calls on any phone at the touch of a button. You still gain the benefits of advanced SIP features like voicemail, auto attendants and DID routing from your provider.

Easy wireless installation
Set up your phone system in minutes. Cordless handsets and desksets can be easily paired with the press of a button. There's no complicated wiring or cabling requirements. You only need one ethernet connection and simple provision on the DECT base for easy deployment.

Programmable line keys
Program backlit line keys right on the cordless phone to give you one button hold and resume from any cordless handset or deskset. You can also program a line key for a private extension or other function.

Clear mobility with DECT 6.0 digital technology
Leave your desk without leaving your work behind. Enjoy DECT 6.0 sound quality and reception, which provides strong protection against wiretapping. DECT also ensures the best call range while not interfering with wireless routers.

Scalability
Growing pains? Register up to 10 cordless handsets or desksets to the VDP650 DECT cordless base station and program each one with its own phone number or extension.

[1] Shared Call Appearance (SCA) is a reference to BroadSoft implementation

HD voice quality
With G.722 wideband codec support for HD audio, calls have never sounded so rich and life-like.

Advanced call handling
Impress customers with comprehensive call handling features that are compatible with hosted and open-source PBX platforms.*

Flexibility
With support for up to eight SIP lines/accounts, you can manage multiple calls with advanced call handling features.

Repeater support
Increase range in multiple directions by pairing up to five VSP605 repeaters per VDP650.

Convenient mounting
Make the most of tight spaces. The VDP650 DECT cordless base station can be free standing or wall-mounted.

Three-year warranty
Enjoy the peace of mind that comes with an industry-leading, standard three-year warranty. VTech also provides advanced replacement on warranty claims using new, not refurbished, products.

Compatible with VDP651, VDP658, VSP605

3 YEAR WARRANTY

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Specifications, Weights and Dimensions

- APN: 80-1363-00
- Color: black
- UPC: 735078043788
- Product dimensions (WxDxH): 4.55" x 1.67" x 5.94"
- Product weight: 0.5 lbs.
- Giftbox dimensions (WxDxH): 4.92" x 2.83" x 6.14"
- Giftbox weight: 0.73 lbs.
- Master pack SCC-14: 10735078043785
- Master pack dimensions (WxDxH): 10.47" x 6.26" x 6.93"
- Master pack weight: 3.58 lbs.
- Quantity: 4

Interface

- DECT 6.0 RF module embedded
- DECT 6.0 (maximum register): 10 handsets and/or desksets
- DECT 6.0 repeater support: up to 5 VSP605 in addition to max accessory phones
- Ethernet port - 10/100 Mbps
- Base power: adapter (included) and Class 2 Power over Ethernet (PoE)

Base Station, Keys and Indicators

- Handset locator key
- Reset key
- Power LED
- VoIP LED

Audio/Voice

- G.722, G.711 (A-law & μ-law), G.729ab, G.726, iLBC

System Features

- Supports up to 8 SIP account registrations (individual or shared among handsets)
- Supports 4 programmable line keys on cordless accessories
- Supports up to 4 outgoing calls in parallel (system-wide)

- Base phonebook up to 1,000 entries
- Call history up to 200 entries
- Phonebook import/export
- XML/LDAP remote phonebook
- Do Not Disturb (DND)
- 3-way local conference
- N-way network conference
- External/Internal call transfer between DECT phones[1]
- Intercom between DECT phones[1]
- Call barring/blocking (block anonymous/blacklist)
- Dial plan/digit map
- Mute
- Redial
- 10 speed dial entries
- Call transfer: blind/attended
- Call hold
- Call forwarding: per-line basis (busy/always/no answer)
- Call timer (call duration)
- Caller ID
- Phonebook matching (incoming and outgoing calls)
- Multi-language support

Customization

- Web interface configuration (admin & user)
- Custom default file

Security

- 802.1x
- 802.1pq
- SRTP
- Transport Layer Security (TLS)
- Mutual authentication (server and client)
- Certificate management (device and applications)
- AES encryption of config file for provisioning (128/64/32/16 bits)
- Open VPN
- LLDP-MED

Network

- IPv4 or IPv6 with DHCP/Static/PPPoE
- STUN
- NAT
- RTP
- SNTP
- VLAN
- DNS override
- Failover support and server redundancy
- Layer 3 QoS (ToS, Diffserv)

Provisioning

- VTech redirection service
- HTTP, HTTPS, TFTP
- DHCP options: 66, 159, 160
- TR-069
- PnP

Maintenance

- Software Update Over the Air (SUOTA)
- Schedule resync: time and day setting
- Diagnostic: pcap trace
- Syslog

Compatibility

- Broadsoft® Broadworks
- Asterisk-based platforms

Other

- 3-year standard warranty
- Advanced product replacement for warranty claims with new product

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*Features and functionality may vary, depending on SIP service provider and/or SIP phone system platform.

[1]Function only available when paired to the VDP650.

3 YEAR WARRANTY