

## ErisTerminal® SIP Color Deskset

### ET685

The ET685 SIP Color Deskset features an executive design with advanced technology and connectivity. Built-in Bluetooth® enables you to easily pair your favorite headset to the system for hands-free calls. With several dedicated feature keys, you can manage calls quickly. Zero touch provisioning eliminates the need for manual labor typically involved with installation. Power over Ethernet (PoE) support and dual Ethernet ports makes the system cost-effective and easy to use. The 4.3-inch, 480 x 272 pixel color LCD display provides 10 clear lines of information at a glance. The USB port allows additional connectivity, including up to three ET6 expansion modules for increased visibility and one-button options. The system features multiple configurations, including six programmable feature keys, four soft keys and 16 dedicated feature keys. You'll feel safe with powerful security features like VPN support.



### ET685 Key Features

#### Advanced call handling

With support for 12 SIP lines/accounts and four configurable soft keys, the system provides users with comprehensive call handling features compatible with hosted and open-source PBX platforms.\*

#### Zero touch provisioning

Utilize VTech redirection server with both API and web portal management for easy installations. No need to prep phones prior to deployment.

#### Second screen programmable keys

With a second LCD display, you have convenient access to four pages of six self-labeling feature keys with multi-color LEDs. Easily create keys for shared call appearances (SCA<sup>1</sup>), busy lamp fields (BLF), quick dial and feature codes.

#### Bluetooth® connectivity for headsets

Bluetooth enables hands-free calls and connectivity to your favorite headsets.

#### Connectivity options

The flexible network connection includes dual Gigabit Ethernet ports. It also includes a RJ9 headset port with EHS support, so you can answer calls when you're away from your desk.

#### Advanced connectivity with USB

Expand your options with USB connectivity. Support up to three ET6 expansion modules that each have a 4.3-inch LCD screen with 18 buttons.

#### Sensor hook switch

A non-wearing sensor hookswitch ensures a long product life even when the phone is used extensively over long periods of time.

#### Full-duplex speakerphone

Finally, a speakerphone that can keep up with your calls. Increase participation by allowing parties on both ends to speak and be heard—at the same time—for conversations that are more true to life.

#### HD voice quality

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

#### Secure communication

Secure your calls with support for Transport Layer Security (TLS). Protect your device with mutual authentication, advanced certificate management and other security options.

#### Power over Ethernet (PoE)

With PoE support, you can locate the phones anywhere that's convenient—no AC outlets or complicated wiring required.

#### 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.



## Specifications, Weights and Dimensions

- APN: 80-1408-00
- Color: black
- UPC: 735078045041
- Product dimensions (WxDxH):  
9.06" x 8.07" x 3.54"  
With desk stand: 7.48" x 8.07" x 8.66"
- Product weight: 2.0 lbs
- Giftbox dimensions (WxDxH):  
8.6" x 4.5" x 10.1"
- Giftbox weight: 2.4 lbs
- Master pack SCC-14: 10735078045048
- Master pack dimensions (WxDxH):  
18.3" x 8.7" x 10.8"
- Master pack weight: 10.8 lbs
- Quantity: 4

## Interface

- Dual Ethernet ports: GigE
- RJ9 headset jack
- RJ12 EHS port
- Bluetooth: 1 headset connection
- USB port: supports up to 3 ET6 expansion modules
- Base power: AC adapter (optional) and Class 3 Power over Ethernet (PoE)

## Display, Keys and Indicators

- Display: 4.3-inch 480 x 272 pixels (w x h) color LCD
- Second display: 2.7-inch 100 x 300 pixels (w x h) mono LCD for programmable keys
- 4 soft keys
- 16 dedicated feature keys
- 6 self-labeling programmable feature keys with multi-color LEDs
- 4-way navigational pad
- Message waiting LED indicator

## Audio / Voice

- HD voice for receiver and speakerphone
- Full-duplex speakerphone
- HAC receiver
- Codecs: G.722, G.711 (A-law &  $\mu$ -law), G.729ab, G.726
- VAD, AJB, PLC, CNG, AEC

## Phone Features

- Supports 12 SIP account registration
- Shared Call Appearance (SCA<sup>1</sup>)/Bridged-Line Appearance (BLA)
- Sensor hook switch
- Do Not Disturb (DND)
- Busy Lamp Field (BLF)
- 3-way local conference
- N-way network conference
- Dial plan/digit map
- Hot desking/hoteling
- Hotline
- Intercom
- Mute
- Redial
- 10 speed dial entries
- Auto answer
- Call transfer: blind/attended
- Call hold
- Call park/pickup
- Call forwarding: per-line basis (busy/always/no answer)
- Call timer (call duration)
- Caller ID
- Call completion
- Multicast paging
- Automatic Call Distribution (ACD)

## Directory

- Local phonebook up to 1000 entries
- Intelligent name search
- Phonebook import/export
- LDAP/Broadsoft® remote phonebook
- Call barring/blocking (block anonymous/blacklist)
- Phonebook matching (incoming and outgoing calls)
- Call history up to 100 entries

## Customization

- Custom wallpaper/idle logo
- Soft key configuration
- Programmable hard keys
- XML Browser
- Action URL
- Custom base ringer (.WAV)

## Security

- 802.1x
- 802.1pq
- Phone lock
- SRTP, SIPS
- 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

- STUN
- NAT
- RTP, RTCP-XR
- SNTP
- VLAN
- Failover support and server redundancy
- Layer 3 QoS (ToS, Diffserv)

## Provisioning

- VTech redirection service
- HTTP, HTTPS, TFTP
- DHCP options: 66, 67
- TR-069
- HTTP Push
- PnP

## Maintenance

- Diagnostic: pcap trace and SIP trace
- Schedule resync: time and day setting
- Syslog and LCServer
- Subscription and memory status

## Compatibility

- Broadsoft Broadworks®
- Asterisk-based platforms

## Other

- Optional AC adapter: VSP-PWR2000
- 3-year standard warranty
- Advanced product replacement for warranty claims with new product

<sup>1</sup>Shared Call Appearance (SCA) is a reference to Broadsoft implementation.

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