Information

OpenStage T
The Open Unified Communications telephones

OpenStage is a totally new generation of phones which sets the benchmark for Open Unified Communications. These stylish devices provide an intuitive and engaging communication experience, incorporating innovative features. OpenStage is the prelude to a new era of high value in people-centric communication solutions.

SIEMENS

Overview of OpenStage

The OpenStage family is intuitive in functionality and interface, integrated through interoperability with other devices, and multimodal to allow access to various services and applications.

The OpenStage family is designed to be extremely user friendly and simplify feature implementation. Sensorial interfaces based on advanced technology solutions such as touch/sensor keys, embedded color LEDs, TouchSlider for volume control and TouchGuide navigator as well as the large, swivel graphic color TFT display with backlight greatly simplify user interactions.

Soft-labeled (paperless phone) touch sensor keys can be easily programmed for specific phone functions, line/feature access or speed dial. An ideal solution for office applications where mobility and flexibility are important factors.

Fixed feature/function keys enable easy access to frequently needed phone functions such as Drop/Release, Call Forwarding, Speaker and dedicated applications such as Phonebook, Call Log/History and Answering Machine.

OpenStage incorporates the latest developments in leading edge acoustics to ensure delivery of the very best voice quality on the handset and speakerphone. A high quality speakerphone is built in all models as standard (exception OpenStage 10 T).

Today's workstations frequently feature many different device types (such as PCs, mobile phones, PDAs, and headsets). OpenStage has built-in interfaces (such as USB and Bluetooth) to interwork with these devices.
A range of innovative adapters enables OpenStage to be aligned with specific workplace requirements (such as connection to add-ons, fax machines or phones).

OpenStage design highlights include variation of materials and colors (from plastic in ice blue or lava to high-end silver blue metallic lacquering and brushed aluminum).

The OpenStage TDM phone family comprises the following phone models:

- OpenStage 10 T
- OpenStage 15 T
- OpenStage 20 T
- OpenStage 30 T
- OpenStage 40 T
- OpenStage 60 T
- OpenStage 80 T

Product Family

The OpenStage TDM phones give you fast and convenient access to the wide range of HiPath features via the tried and tested $U_{P0/E}$ system interface with extended CorNet-TS protocol. New software versions can be downloaded to the phones via HiPath Management (exception OpenStage 10 T). All OpenStage phones can be software-customized with the logo of the individual customer or partner (exception OpenStage 10 T).

OpenStage 10 T, 15 T and 30 T are downwards compatible and can be operated like optiPoint phones.

OpenStage 10 T

OpenStage 10 T is the device of choice wherever only the most essential telephone functions are required. The telephone is suitable for use in reception areas and warehouses, for example.

Keys
- Keypad
- 3 freely programmable keys with red LEDs
- Speaker key with red LED
- Control keys +/-

Acoustics
- Open listening

Wall-mountable

OpenStage 15 T

OpenStage 15 T is a full-featured speakerphone with display and illuminated feature keys that could be used for up to 8 line appearances, for example.

Display
- Graphical display, 2 lines monochrome (not tiltable)

Keys
- Keypad
- 3 fixed function keys with red LEDs
- 8 freely programmable keys with red LEDs (upgradable with Key Module)
- Key labeling with paper strips
- Control keys +/-
- 3 navigation keys

Acoustics
- Hands free talking (full duplex)

Wall-mountable

OpenStage 10 T
ice blue

OpenStage 10 T
lava

OpenStage 15 T
ice blue

OpenStage 15 T
lava

OpenStage 20 T

This full-featured speakerphone with its intuitive and interactive user interface is a universal solution for efficient and professional telephony.

Display

- Tiltable graphical display, 2 lines monochrome

Keys

- Keypad
- 7 fixed function keys (partly equipped with red LEDs)
- Control keys +/-
- 3-way navigator

Acoustics

- Hands free talking (full duplex)

Wall-mountable

OpenStage 30 T

Customizable for various workplace environments, OpenStage 30 T is recommended for use as an office phone or for call center staff.

Display

- Graphical display, 2 lines monochrome (not tiltable)

Keys

- Keypad
- 8 fixed function keys (partly equipped with red LEDs)
- 8 freely programmable keys with red LEDs
- Key labeling with paper strips
- Control keys +/-
- 3 navigation keys

Acoustics

- Hands free talking (full duplex)

Interfaces

- Headset jack
- USB slave
- OpenStage Key Module

Wall-mountable

OpenStage 40 T

Compared with the OpenStage 30 T, OpenStage 40 T has a larger tiltable display with easily programmed soft-labeled (paperless phone) touch sensor keys.

An ideal solution for office applications where desk sharing and flexibility are important factors.

Display

- Tiltable graphical display, 6 lines monochrome, backlit
- Optical call alert

Keys

- Keypad
- 8 fixed function keys (partly equipped with red LEDs)
- 6 freely programmable soft-labeled touch sensor keys with red LEDs
- Control keys +/-
- 5-way navigator

Acoustics

- Hands free talking (full duplex)

Interfaces

- Headset jack
- USB slave
- OpenStage Key Module

Wall-mountable

OpenStage 20 T
ice blue

OpenStage 30 T
ice blue

OpenStage 40 T
ice blue

OpenStage 20 T
lava

OpenStage 30 T
lava

OpenStage 40 T
lava

OpenStage 60 T and 80 T

OpenStage 60 T

Offers top-notch functionality and innovations, combining a maximum of usability with a clear, intuitive and sleek design. Its functionality and personalization options make this phone the first choice for boss/secretary environments and people interacting with other devices like mobile phones or PDAs.

OpenStage 80 T

OpenStage 80 T has the same functional scope as OpenStage 60 T. Premium colors, materials and components turn this device into an extraordinary user experience. Interfaces for easy synchronization with other devices like PDA and mobile phones are specially designed with the needs of the top level manager and executive in mind.

Display

- Tiltable graphical color TFT display, 320 x 240 pixel (QVGA), backlit
- Optical call alert

Keys

- Keypad
- 6 fixed function keys (partly equipped with blue LEDs)
- 8 freely programmable soft-labeled touch sensor keys with blue LEDs
- 6 mode keys (touch sensor keys, illuminated) with blue or blue/white LEDs (e.g. to start applications)
- TouchSlider for volume adjustment with blue/white LEDs
- TouchGuide for navigation

Acoustics

- Hands free talking (full duplex)
- High-quality ringer tones

Interfaces

- Headset jack
- Bluetooth V2.0
- USB master & slave
- OpenStage Key Module
- External power supply necessary

OpenStage Manager

Free software – OpenStage Manager – for communication and data transfer between PC and phone (via USB) is available for OpenStage 60 T and 80 T. It allows users to carry out the following functions:

- Administer the OpenStage Phone Book
  - Synchronize contacts with Microsoft Outlook
  - Edit the phone book
  - Add pictures
- Load screensaver pictures
- Manage ring tones
- Save and restore personal settings

Personalization

OpenStage 60 T and OpenStage 80 T provide users with various options for customizing the phone to their individual requirements:

- Load MP3 ring tones from the PC and assign to contacts
- Load pictures from the PC and assign to contacts
- Change the phone appearance using different topics/skins (2 skins are provided)
- Create a personal screensaver

OpenStage 60 T
ice blue

OpenStage 80 T

OpenStage 60 T
lava

Accessories

A comprehensive range of accessories is available for the respective OpenStage models. Here is a complete list of accessories:

OpenStage Key Module 15

- 18 additional freely programmable keys with LEDs; function, speed dial or line keys
- Key labeling with paper strips
- In ice blue or lava
- For OpenStage 15 T, 30 T, 40 T (max. 1 unit can be connected)

OpenStage Key Module 40, 60, 80

- 12 additional freely programmable keys with LEDs; function, speed dial or line keys (2 layers)
- Large graphical display for key labeling
- In ice blue, lava or silver blue metallic
- For OpenStage 40 T, 60 T, 80 T (up to 2 units can be connected)

OpenStage BLF (Busy Lamp Field)

- 90 additional freely programmable keys with LEDs; function, speed dial or line keys
- Key labeling with paper strips
- In ice blue or lava
- External power supply necessary
- For OpenStage 30 T, 40 T (max. 1 unit can be connected)

OpenStage Phone Adapter

- Optional connection:
  – Second OpenStage/optiPoint phone with $U_{P0/E}$ or
  – an analog device (phone or fax)
- For all OpenStage T models

Wall mount kit

- In ice blue or lava
- For OpenStage 10 T, 15 T, 20 T, 30 T, 40 T

HiPath Support

OpenStage TDM phones can be used with HiPath 3000 and HiPath 4000.

Public Telephone Network Access/ Acoustics/Speech quality

- FCC Part 68/CS-03 (Technical Requirements for Connection of Terminal Equipment to the Telephone Network)
- TIA/EIA-810A (Transmission Requirements for Narrowband VoIP and Voice over PCM Digital Wireline Telephones)
- TBR8 (Telephony 3.1 kHz teleservices; Attachment requirements for handset terminals)
- Hearing aid capability (HAC) according to TIA/EIA-504A (Electronic industries association recommended standard RS-504 magnetic field intensity criteria for telephone compatibility with hearing aids)

Technical data

	OpenStage 10 T	OpenStage 15 T	OpenStage 30 T	OpenStage 20 T	OpenStage 40 T	OpenStage 60 T	OpenStage 80 T
Display							
Tiltable display (pixels, type)	–	205 x 41 pixels 2 lines, monochrome not tiltable		205 x 41 pixels 2 lines, monochrome	240 x 128 pixels 6 lines, monochrome	320 x 240 pixels (QVGA) color TFT	
Backlit	–	–		–	Yes	Yes	Yes
Keys/LEDs							
Fixed function keys (pushbuttons, partly illuminated)	1 1 red LED	3 3 red LEDs	8 6 red LEDs	7 5 red LEDs	8 6 red LEDs	6 5 blue LEDs	
Freely programmable touch keys (illuminated)	3 pushbuttons with red LEDs	8 pushbuttons with red LEDs		–	6 keys with red LEDs	8 keys with blue LEDs	
Mode keys (touch keys, illuminated)	–	–		–	–	6 with blue or blue/white LEDs	
Optical call alert	–	–		–	red	blue	blue
Volume adjustment	+/- key					TouchSlider blue/white LED	
Navigation	–	3 navigation keys		3-way navigator	5-way navigator	TouchGuide	
Audio							
Open listening	Yes	Yes		Yes	Yes	Yes	Yes
Full duplex hands-free	–	Yes		Yes	Yes	Yes	Yes
Polyphonic ring tones	–	–		–	–	Yes	Yes
Echo canceling for local echo (AEC) full duplex	–	Yes		Yes	Yes	Yes	Yes
Interfaces							
Bluetooth V2.0 • Object Push Profile: Send and receive business cards/vCards • Headset Profile: Connect a Bluetooth headset	–	–		–	–	Yes	Yes
Headset jack for corded/cordless head-sets (121TR9-5*)	–	–	Yes	–	Yes	Yes	Yes
USB master port	–	–		–	–	Yes	Yes
USB slave (1st Party CTI)	–	–	Yes	–	Yes	Yes	Yes
Line interface (CorNet-TS protocol, software download via $U_{PO/E}$)	$U_{PO/E}$ (no SW down-load)	$U_{PO/E}$		$U_{PO/E}$	$U_{PO/E}$	$U_{PO/E}$	$U_{PO/E}$
Expansions							
OpenStage Key Module (ext. power supply necessary when using Key Module 40, 60, 80)	–	Yes Max. 1		–	Yes Max. 2	Yes Max. 2	Yes Max. 2
OpenStage Busy Lamp Field (ext. power supply necessary)	–	–	Yes Max. 1	–	Yes Max. 1	–	–
OpenStage Phone Adapter (via $U_{PO/E}$)	Yes	Yes		Yes	Yes	Yes	Yes
OpenStage power supply (country-specific models available)	Yes	Yes		Yes	Yes	Yes (necessary in all cases)	
Wall mount kit	Yes	Yes		Yes	Yes	–	–
Applications							
Local personal phone book • Up to 1,000 personal entries with numbers • Combination of contacts into groups • Add a picture to favorite contacts	–	–		–	–	Yes	Yes

	OpenStage	OpenStage		OpenStage	OpenStage	OpenStage	
	10 T	15 T	30 T	20 T	40 T	60 T	80 T
Local call list • See the list of missed, forwarded, dialed and received calls • Dial from the Call Log List	–	–		–	–	Yes	Yes
Save and restore personal data using a PC or USB memory stick	–	–		–	–	Yes	Yes
OpenStage Manager support	–	–		–	–	Yes	Yes
Certifications							

CE marking:
EMC EN 55022:2006 Class B, EN 55024:1998 +A1 +A2:2003, EN 61000-3-2:2006
Product safety: EN60950-1:2006/A11: 2009

USA / Canada:
EMC (FCC) Part 15 (CFR 47) Class B
Product safety: UL 60950-1, 2nd Ed. / CSA C22.2 No. 60950-1-07, 2nd Ed.

Further certifications:
Safety
EN 50385:2002 EMF, Human Field Exposure EMC,
Emission ITE Residential Environment EMC, Immunity ITE Residential Environment
EN 301 489-1 V1.6.1 EMC, Radio spectrum matters, common requirements
EN 301 489-17 V1.2.1 EMC, Radio spectrum matters, 2.4GHz devices
EN 300 328 V1.7.1 EMC, Radio spectrum matters, Wideband transmission systems
EMC, Harmonic Current Emissions
EN 302 208-2 V1.1.1 EMC; RDIF
TBR 8 Annex C:1998 Acoustic Shock
CFR 47, FCC P.15 Class B EMC Emission Residential Environment (USA)

Technical data							
Dimensions height x width x depth [mm]	70 x 210 x 220	70 x 240 x 220		70 x 240 x 220	70 x 270 x 220	70 x 300 x 220	70 x 300 x 220
Weight (kg)	0.63	0.777	0.782	0.864	1.120	1.235	1.428
Colors	ice blue or lava	ice blue or lava		ice blue or lava	ice blue or lava	ice blue or lava	silver blue
Storage conditions	-40 °C to +70 °C (ETSI EN300 019-2-2)						
Operating conditions	+5 °C to +40 °C						

About Siemens Enterprise Communications

Siemens Enterprise Communications is a premier provider of end-to-end enterprise communications solutions that use open, standards-based architectures to unify communications and business applications for a seamless collaboration experience. This award-winning "Open Communications" approach enables organizations to improve productivity and reduce costs through easy-to-deploy solutions that work within existing IT environments, delivering operational efficiencies. It is the foundation for the company's OpenPath commitment that enables customers to mitigate risk and cost-effectively adopt unified communications. This promise is underwritten through our OpenScale service portfolio, which includes international, managed and outsource capability. Siemens Enterprise Communications is owned by a joint venture of The Gores Group and Siemens AG. The joint venture also encompasses Enterasys Networks, which provides network infrastructure and security systems, delivering a perfect basis for joint communications solutions.

For more information about Siemens Enterprise Communications or Enterasys, please visit www.siemens-enterprise.com or www.enterasys.com

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