

Videophone THESEUS™



Elegant
Ultra modern design, rounded profile

Compact
Easily fits into any home or office environment

Affordable
Offers both IP and ISDN connection capabilities



A stylish entry-level videophone, Theseus™ provides affordable and compact video telephony with the benefits of ISDN and IP-based videoconferencing together with excellent visual and sound quality.

[Multiple Network Connectivity](#)

Supports both ISDN and IP-based communications standards, fully conforming to the H.320, H.323 and SIP international standards with transmission rates up to 768 kbps over IP.

[High-Quality Video](#)

Features a high-resolution (960 x 234 pixels) rounded, 5" LCD video display for private discussions with top-quality images from any visual angle. A TV screen connection is also provided for applications requiring larger presentation. For video input, a built-in camera, with manual focus and automatic white balance, uses a 1/4" CCD sensor to capture business-quality, 30 fps video.

[Excellent Sound Reproduction](#)

Provides large bandwidth and full-duplex hands-free audio with omnidirectional microphone, echo cancellation and Automatic Noise Suppression.

[Easy to Install and Use](#)

On-screen contextual help and intuitive, non-intimidating graphical user interface ensure easy installation and use. The simple keypad and handset, plus address book dialing, make it easy to master right away, even for the most novice user. All remote diagnostics and management functions are accessible from web browsers.

[Customizable Graphic User Interface](#)

The user is able to choose layouts and colours among various alternatives.

Technical Specifications

Supported Standards

- ITU-T H.320 ISDN
- ITU-T H.323 IP networks
- IETF-SIP (RFC3261) IP networks
- PPPoE
- Video H.261, H.263+, H.264
- Audio G.711, G.728, G.722, G.722.1
- Data T.120
- LDAP H.350
- MCU compatibility H.243

Transmission

- Bit rate 56 kbps ÷ 128 kbps over ISDN
64 kbps ÷ 768 kbps over IP (H323/SIP)

Video

- Frame rate (Tx/Rx) 30 fps
- Video resolution FCIF 352 x 288 pixels
QCIF 176 x 144 pixels
4CIF 704 x 576 pixels for still images (H.261 Annex D)
SIF 352 x 240 pixels
QSIF 176 x 120 pixels
4SIF 704 x 480 pixels for still images (H.261 Annex D)
- Remote camera control H.281 (H.320 - H.323)

Audio

Audio	Band	Bit rate
G.711	300 ÷ 3400 Hz	48/56/64 kbps
G.722	50 ÷ 7000 Hz	48/56/64 kbps
G.722.1	50 ÷ 7000 Hz	24/32 kbps
G.728	50 ÷ 3400 Hz	16 kbps

- Echo cancellation Full-duplex
- Adaptive post filtering
- Automatic Gain Control (AGC)
- Automatic Noise Suppression

Built-in Camera

- Sensor 1/4" CCD
- Format Video composite
- Picture elements 542 x 586 pixels
- Resolution 380 TV line
- Lens f=3.7 mm
- Iris F=2.0
- Focus Manual
- White balance Automatic
- Minimum illumination 0.5 lux
- S/N 52 dB

Built-in Display

- Type Color TFT-LCD
- Size 5"
- Resolution 960 x 234 pixels

Network Interfaces

- ISDN 1 BRI 1 RJ-45
- Ethernet 10/100BASE-T full-duplex 1 RJ-45

Audio/Video Interfaces

- Video input CVBS PAL/NTSC (RCA)
- Video output CVBS PAL/NTSC (RCA)
- Audio input Line (RCA)
- Audio output Line (RCA)

Auxiliary Interfaces

- Serial port RS232 (DB9)

Closed Captioning/Text Chat

- T.140 text chat, available from Web

User Interface

- Multilingual on-screen graphic user interface
- User selectable languages: Italian, English, French, Spanish, German, Portuguese, Norwegian, Swedish, Russian, Czechoslovakian, Hungarian, Polish, Finnish, Simplified Chinese, Traditional Chinese, Japanese, Korean
- Contextual help
- Diagnostics and management functions
- Call progress monitoring
- Customizable Graphic User Interface

Built-in hands free

- Electric omnidirectional microphone
- Speaker 8 Ohm 1 Watt

Encryption

- AES encryption standard H.233, H.234, H.235
- NIST (National Institute of Standards & Technology) certified

Web Management

All configuration, call, diagnostics and management functions are accessible using the following web browsers: Microsoft® Internet Explorer™, Netscape Navigator™

Remote Diagnostics and Management

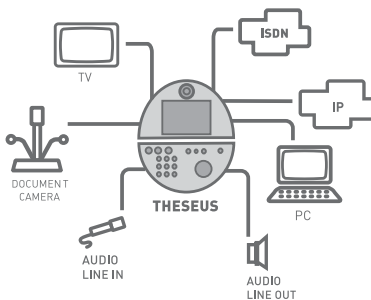
	Local	Web Browser	SNMP
Self test	Yes	Yes	Yes
Diagnostics	Yes	Yes	Yes
Configuration	Yes	Yes	Yes
Call	Yes	Yes	Yes
Error tracking	Yes	Yes	Yes

Power Supply

- 100-240 Vac 50-60 Hz 0.45 A Max

Dimensions

- THESEUS
- Width 26 cm (10.23")
- Height 10 cm (3.3") closed
23 cm (9") open
- Depth 19 cm (7.8")



AETHRA SpA

via Matteo Ricci, 10
60126 Ancona (Italy)
Telephone +39.071.218981
Fax +39.071.887077
Video 1 +39.071.2189704
Video 2 +39.071.2189701

Beijing Hong Kong London Madrid
Mexico City Paris Miami São Paulo
Shanghai Shenzhen

Email: info.aethra@aethra.com
www.aethra.com