

VEGA[®] PRO



Compact

The portable set-top solution that can be used with any TV monitor

Affordable

The most cost-effective solution for small or home offices and small businesses

Effective

Cutting-edge audio and video technology offers clear sound and brilliant images

OVERVIEW

Vega[®] Pro provides reliable and cost-effective videoconferencing for small group applications. Simple to install and easy to use, it is a portable set-top solution that can be integrated with any TV monitor. Vega Pro's echo cancellation and noise suppression features ensure excellent audio quality.

SUPPORTS MULTIPLE NETWORKS

Conforms with ISDN (up to 128 kbps) and IP (up to 384 kbps) networks for high-quality videoconferencing.

OPEN PLATFORM

Provides an open platform for connection to a variety of audio and video devices, including any TV monitor, PTZ camera and document camera.

MCU-COMPATIBLE

Compatible with H.243-based multipoint conferencing units for convenience and enhanced collaboration across multiple sites.

FEATURES AT A GLANCE

- Built-in camera with 1/4" CCD sensor and manual pan and tilt
- 15 fps frame rate
- Full-duplex acoustic echo cancellation
- Automatic Noise Suppression
- Supports ISDN and IP network connectivity
- Remote diagnostics and management
- On-screen graphical user interface and contextual help
- T.120 multimedia support
- Supports PTZ camera and document camera
- Address book dialing
- Video mute
- RS232 connectivity for data collaboration
- PPT Presentation Support



TECHNICAL SPECIFICATIONS

SUPPORTED STANDARDS

- ITU-T H.320 ISDN
- ITU-T H.323 IP networks
- Video H.261, H.263+
- Audio G.711, G.722, G.728, G.723.1
- Data T.120
- MCU compatibility H.243

TRANSMISSION

- Bit rate 56 ÷ 128 kbps over ISDN
64 ÷ 384 kbps over IP

VIDEO

- Frame rate 15 frames per second
- Video resolution FCIF 352 x 288 pixels
QCIF 176 x 144 pixels
4CIF 704 x 576 pixels
for still images
(Annex D or H.263)
- Remote camera control H.281 (H.320)
H.282/H.283 (H.323)

AUDIO

Audio	Band	Bit rate
G.711	300 ÷ 3400 Hz	56 kbps
G.722	50 ÷ 7000 Hz	48/56 kbps
G.723.1	300 ÷ 3400 Hz	5.36/3 kbps
G.728	50 ÷ 3400 Hz	16 kbps

- Echo cancellation Full-duplex
- Echo Return Loss Enhancement (ERLE) 30 dB
- Automatic Gain Control (AGC) ±12 dB
- Automatic Noise Suppression

BUILT-IN CAMERA

- Sensor 1/4" CCD
- Format Video composite
- Picture elements 512 x 582 pixel
- Resolution 380 TV lines
- Lens f=3.7 mm

- Iris F=2.0
- Focus Manual
- White balance Automatic
- Minimum illumination 3 lux
- S/N 46 dB

NETWORK INTERFACES

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

AUDIO/VIDEO INTERFACES

- Video input
 - Main CVBS PAL/NTSC (MINDIN 8P)
 - Aux CVBS PAL/NTSC (RCA)
- Video output
 - Main CVBS PAL/NTSC (RCA)
 - Aux CVBS PAL/NTSC (MINDIN 8P)
- Audio input

Level	Connector
Mic.	Stereo jack 3.5 mm
Audio in	Line RCA
- Audio output

Level	Connector
Main	Line Stereo jack 3.5 mm (Stereo to 2 RCA Y-Cable included)
Aux	Line RCA

AUXILIARY INTERFACES

- RS232 serial data DB9
- Camera control MINDIN 8P
supports Canon or Sony aux camera PTZ
8-pin Mini-DIN (VISCA-compatible with adapter cable)

USER INTERFACE

- Multilingual on-screen graphic user interface
- User selectable languages: Italian, English, French, Spanish, German, Portuguese, Norwegian, Swedish, Chinese
- Infrared remote control for full function control
- Contextual help
- Diagnostics and management functions
- Call progress monitoring

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

INTEGRATED PRESENTATION

- Supported applications Microsoft® PowerPoint®

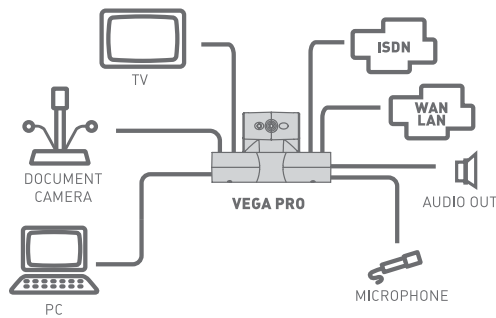
POWER SUPPLY

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

DIMENSIONS

- VEGA PRO

Width	20 cm (8")
Height	12 cm (4.7")
Depth	20 cm (8")



Aethra SpA
Telecommunications
via Matteo Ricci 10
60020 Ancona - Italy
Telephone +39.071.218981
Fax +39.071.887077
Video 1 +39.071.2189160
Video 2 +39.071.2189701
Email: info.aethra@aethra.com
www.aethra.com

Aethra, Inc.
701 Brickell Avenue
Suite 1390
Miami, FL 33131 USA
Telephone +1.305.375.0010
Toll Free (US only) 1.888.4.AETHRA
Fax +1.305.375.0655
Video +1.305.577.3524
Email: info.na@aethra.com

Vidofon GmbH
Eimsbütteler Chaussee 23
20259 Hamburg
Telefon 040/80 81 81-100
Telefax 040/80 81 81-199
Video 040/80 81 85-10
eMail info@vidofon.de
Internet www.vidofon.de