

VEGA® PRO-VEGA® PRO S



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, such as small business or home office users. Simple to install and easy to use, it is a portable set-top solution that can be integrated with any TV monitor. The system's echo cancellation and noise suppression features ensure excellent audio quality. It conforms to ISDN and IP networks for high-quality videoconferencing.

SUPPORTS MULTIPLE NETWORKS

Conforms with ISDN (128 kbps) and IP (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 and document camera.

MCU-COMPATIBLE

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

CUSTOMIZABLE GRAPHIC USER INTERFACE

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

FEATURES AT A GLANCE

- Supports H.320, H.323 and SIP protocols
- Camera with motorized pan, tilt and zoom (Vega Pro S)
- Built-in camera with 1/4" CCD sensor and manual pan and tilt (Vega Pro)
- 15 fps frame rate
- ISDN and IP network connectivity
- Remote diagnostics and management
- Address book dialing
- PPT presentation support
- AES encryption standard
- LDAP (Lightweight Directory Access Protocol)
- Customizable GUI (Graphic User Interface)





TECHNICAL SPECIFICATIONS

SUPPORTED STANDARDS

- ITU-T H.320 ISDN
- ITU-T H.323 IP networks
- IETF-SIP (RFC3261) IP networks
- PPoE
- Video H.261, H.263+
- 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 ÷ 384 kbps over IP (H323/SIP)

VIDEO

- Frame rate 15 frames per second
- RX frame rate 30 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)
- 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.728	50 ÷ 3400 Hz	16 kbps
G.722	50 ÷ 7000 Hz	48/56 kbps
G.722.1	50 ÷ 7000 Hz	24/32 kbps

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

BUILT-IN CAMERA

- VEGA PRO
- Sensor 1/4 " CCD
 - Format Video composite
 - Picture elements 512 x 582 pixels
 - 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

VEGA PRO S

- Type motorized pan, tilt and zoom
- Zoom 40x (10x optical + 4x digital)
- Sensor 1/4" CCD
- Format PAL or NTSC
- Picture elements 752 x 582 pixels
- Resolution 460 TV lines
- Lens f=3.1 to 31
- Iris F=1.8 to 2.9
- Focus Auto
- White balance Automatic

NETWORK INTERFACES

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

AUDIO/VIDEO INTERFACES

- Video inputs

Main	CVBS PAL/NTSC (RCA)
Aux	CVBS PAL/NTSC (MINDIN 8P)
- Video outputs

Main	CVBS PAL/NTSC (RCA)
Aux	CVBS PAL/NTSC (MINDIN 8P)
- Audio inputs

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

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

AUXILIARY INTERFACES

- RS232 serial data 9-pin DB9
- Camera control MINDIN 8P

USER INTERFACE

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

ENCRYPTION

- AES encryption standard H.233, H.234, H.235

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

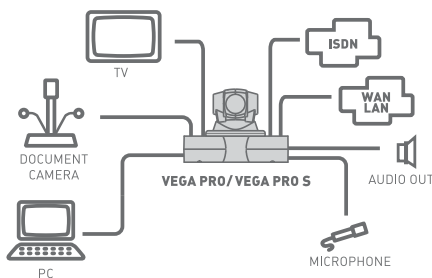
- 100-240 Vac 50-60 Hz 0.45 A Max

DIMENSIONS

- VEGA PRO

Width	20 cm (8")
Height	12 cm (4.7")
Depth	20 cm (8")
- VEGA PRO S

Width	20 cm (8")
Height	18 cm (7.1")
Depth	20 cm (8")



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