VEGA® PRO S

Compact
The portable set-top 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 S 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. Vega Pro'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.

FEATURES AT A GLANCE

- Camera with motorized pan, tilt and zoom
- 15 fps frame rate
- Supports ISDN and IP network connectivity
- Remote diagnostics and management
- T.120 multimedia support
- Supports document camera
- Address book dialing
- RS232 connectivity
- 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	5.3/6.3 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

•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 pixel
•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 input	
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 input	Level	Connector
Aux mic.	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	9-pin DB9
•Camera control	MINDIN 8P

supports 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	
Error tracking	Yes	Yes	Yes

INTEGRATED PRESENTATION

•Supported applications
Microsoft® PowerPoint®

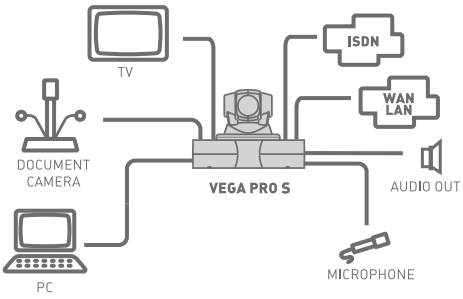
POWER SUPPLY

•100-240 Vac 50-60 Hz 0.45 A Max

DIMENSIONS

•VEGA PRO S

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



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