

NEW PRODUCT  
CEBIT '02

aethra

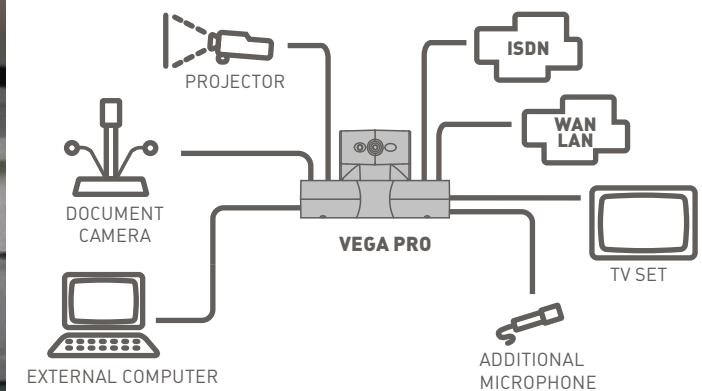


## VEGA PRO SET-TOP

This entry-level set-top is easy to install and use and completely portable. It runs at up to 128kbps over ISDN and 384kbps over IP, conforming to H.320/H.323 standards. The cost-effective price and small footprint make Vega Pro the ideal set-top for SOHO users.

It is a compact solution which enables videoconference use to expand into new sectors such as distance learning and telenursing. The highly-competitive price means that Vega Pro is also accessible to casual users.

Excellent audio quality is ensured by the echo cancellation and noise suppression features. The high-quality audio reproduction and high-performance camera allow remote participants to hold meetings as if they were all present in the same meeting room.



## TECHNICAL SPECIFICATIONS

### STANDARDS SUPPORTED

- ITU-T H.320: ISDN, networks
- ITU-T H.323: IP networks
- Video: H.261, H.263
- Audio: G.711, G.722, G.728, G.723
- Data: T.120
- MCU compatibility: H.243

### FEATURES

- Bit Rate: 56÷128 kbps over ISDN  
64÷384 kbps over IP
- Frame Rate: 15 fps
- Video Resolution: FCIF 352x288 pixels  
QCIF 176x144 pixels  
4CIF 704x576 pixels for still images (Annex D or H.263)
- Camera remote control: H.281 in H.320  
H.282/H283 in H.323
- Audio
 

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

### Full Duplex Acoustic Echo Canceller with:

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

### BUILT IN CAMERA

- Sensor: Analog Cmos
- Format: Video composite
- Picture Elements: 628x582 pixels
- Resolution: 340 TV lines
- Lens: 6mm
- Iris: f=1.6
- Focus: Fixed
- White Balance: automatic

### INTERFACES

#### USER CONTROL

- Infrared remote control

#### ISDN

- 1 BRI: 1RJ-45

#### LAN

- 10/100BASE-T: 1RJ-45

#### VIDEO

- Video Inputs: CVBS PAL/NTSC (RCA)  
CVBS PAL/NTSC (MINDIN 8P with 5V)
- Video Outputs: CVBS PAL/NTSC (RCA)  
CVBS PAL/NTSC (MINDIN 8P with 12V)

### AUDIO

- Microphone: electred PC type 5V (JACK STEREO)
- Speaker: >=8ohm 230mW (JACK STEREO)
- Line Inputs (RCA)
- Line Outputs (RCA)

### SERIAL

- Serial port debug : RS232 (DN 9-pin)
- Serial VISCA: RS232/RS485 (8 pin Mini-DIN)

### POWER SUPPLY

- AC adapter: 12V/2.5A (POWER JACK)

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#### OFFICES

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