

High-quality set-top

VEGA® X3

Highest Quality

Crystal clear audio and superior video quality at 2 Mbps

Enhances Collaboration

Aethra Collaborative Tools for PC presentation and data sharing

Convenient

Fully featured set-top solution with embedded DVI/XGA ports and support for 2 monitors



Vega® X3 is a high-performance system at the cutting-edge of set-top technology. It is ideal for small or medium group of people in a videoconferencing sessions that require enhanced audio and video quality. Easy to use thanks to the user friendly GUI managed by the new "one-touch" remote control.

Supports Multiple Connectivity

Available in several versions: for connections up to 128 kbps over ISDN BRI and 2 Mbps over IP; both for H.323 or SIP networks.

Simultaneous Dual-Stream Video

Convenient XGA input and output ports provide one-step PC plug-in for simultaneous dual-stream video and live PC presentations with enhanced images.

Customizable Graphic User Interface

The user is able to choose layouts and colours from a variety of alternatives.

Technical Specifications

Supported Standards

- ITU-T H.320 ISDN, leased networks
- ITU-T H.323 IP networks
- IETF-SIP (RFC3261) IP networks
- PPoE
- Video H.261, H.263+, H.264, H.239, H.241
- Audio G.711, G.728, G.722, G.722.1, MPEG4 AAC-LD, T.120
- Data H.350
- LDAP
- MCU compatibility H.243, H.231

Transmission

- Bit rate 56 kbps ÷ 128 kbps over ISDN BRI, 64 kbps ÷ 2 Mbps over IP (H323/SIP), Asymmetric rates
- Simultaneous video motion coding and PC presentations from the DVI/XGA input

Video

- Frame rate 15 fps @ 56 kbps - 128 kbps, 30 fps @ 168 kbps - 2 Mbps
- Video resolution 4CIF 704 x 576 pixels, FCIF 352 x 288 pixels, QCIF 176 x 144 pixels, 4CIF 704 x 576 pixels for still images (H.261 Annex D), 4 SIF 704 x 480 pixels, SIF 352 x 240 pixels, 4 SIF 704 x 480 pixels, Up to 1024 x 768 pixels over XGA in H.263
- Remote camera control H.281 (H.320 - 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 |
| AAC-LD | 50 ÷ 14000 Hz | 48/56/64 kbps |

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

Hi-Band Digital Microphone Minipod

- Range Cardioid 120°
- Response 50 ÷ 14000 Hz
- Microphones 1
- Mute button

Built-in Camera

- Resolution 752 x 582 pixels
- Presets 122 presets
- H. angle of view 6.6 to 65 degrees
- Zoom 40x (10x optical + 4x digital)

Supported Monitor

- Format PAL or NTSC or VGA
- Single, dual monitor, VGA
- PIP function
- 16:9 support
- Dual Monitor Emulation

Network Interfaces

- Basic version ISDN 1 BRI with integrated channel aggregator 1 RJ-45, Ethernet 2-Port 10/100BASE-T full-duplex with integrated switch Ethernet 2 RJ-45
- Optional Embedded WiFi IEEE 802.11b/g

Network Protocols

- TELNET, HTTP, SNMP, DNS, DHCP, RTP/RTCP, TCP/UDP, ARP

Network Features

- Differentiated Service (DIFFSERV), IP Precedence, IP Type of Service (ToS), Auto Gatekeeper Discovery, Clever Packets Management (AcCPM)

Audio/Video Interfaces

- Video inputs Main camera Integrated Y/C, not accessible, Composite (RCA), DVI_I, Aux XGA In
- Video outputs Monitor Composite (RCA), DVI_I, XGA Out
- Audio inputs Connection Pod mic. 360°, Aux. mic., Audio In, Level Dig., Mic, Line, Connector RJ-11 6/6, Stereo jack 3.5 mm, RCA

- Audio outputs Connection Level Connector, Monitor Line RCA, Aux Line Stereo jack 3.5 mm

Auxiliary Interfaces

- Data & Diagnostics RS232 Mini-DIN 8-pin with DB9 adapter
- VISCA RS232 Mini-DIN 8-pin supports Canon or Sony, aux PTZ camera

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
- Supports AMX™ or Crestron™
- Customizable Graphic User Interface
- Web streaming function: UNICAST and MULTICAST compatible with QuickTime™

Encryption

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

Web Management

All the 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

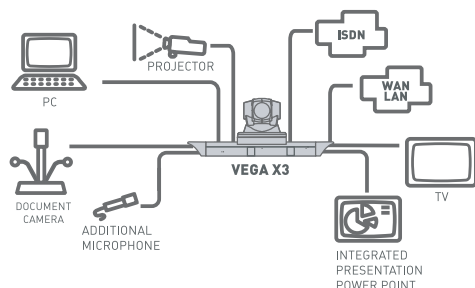
- Supported applications Microsoft® PowerPoint®
- Multimedia support T.120

Power Supply

- 100-240 Vac 50-60 Hz 1.5 A Max

Dimensions

- VEGA X3 Width 29 cm (11.8"), Height 14 cm (5.5"), Depth 20.5 cm (8")



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