**Technical Specifications**

**Supported Standards**
- ITU-T H.263
- ITU-T H.323
- IETF-SIP (RFC3261)
- PPPoE
- Data: T.120
- MUC compatibility: H.243, H.231

**Transmission**
- Bit rate: 56 kbps ÷ 768 kbps over ISDN BRI (1)
- Asymmetric rates: 56 kbps ÷ 768 kbps over ISDN PRI (2)**
- Simultaneous video motion coding and PC presentations from the XGA input
  (1) Up to 384 kbps with sw option, up to 768 kbps with hw option external XLA module
  (2) With external XLA module
**ITU-T H.320 ISDN**
- TILT ± 25°
- PAN ± 100°
- H. angle of view: 8 to 70 degrees
- Mute button
- Microphones: 3
- Response: 50 ÷ 14000 Hz
- Range: 360°
- Hi-Band Digital Microphone Pod
  - Range: 2560 Hz
  - Response: 50 ÷ 14000 Hz
  - Microphones: 3
  - Mute button
  - Up to 2 pods in a daisy-chain configuration
- External HD Camera
  - Resolution: 1280 x 720 pixels
  - Presets: 122 presets
  - H. angle of view: 8 to 70 degrees
  - PAN: ± 100°
  - TILT: ± 25°
  - Zoom: 10x (optical)

**Video**
- Frame rate: 15 frames per second
- Fields: 60 fields per second
- Video resolution: 720p 1280 x 720 pixels
- 4CPF 704 x 576 pixels
- PCEF 352 x 288 pixels
- QCF 176 x 144 pixels
- QCF 704 x 576 pixels for still images
- XGA 240 x 320 pixels
- SXGA 768 x 1280 pixels
- HD resolution: Full-duplex
- Video motion coding and PC presentations from the XGA input
- Aux In
- Connection: 3.5 mm Stereo jack
- AUX. mic.
- Mic. stereo jack 3.5 mm
- Audio In
- Level: Level
- Diag: RI-11/6
- Line: RCA
- AUX Out
- Level: Level
- Line: 2 RCA (LR)
- Audio outputs
- Connection: Level
- Connector: 2 RCA (LR)
- Auxiliary Interfaces
  - Data: RS232
  - Mini-DIN 8-pin
  - Supports Canon or Sony, aux PTZ camera
  - PC card: 1 PCMCIA, type II for Wi-Fi card

**Audio/Video Interfaces**
- Audio inputs
  - Aux In: Composite (RCA)
  - Doc. Cam. 1: Video (Mini-DIN)
  - Doc. Cam. 2: Video (Mini-DIN)
  - Doc. Cam. 3: Composite (RCA)
  - XGA In: DVI
- Video outputs
  - Monitor 1: Video (Mini-DIN)
  - Monitor 2: Video (Mini-DIN)
  - Monitor 3: Video (Mini-DIN)
  - with monitor detect
- Aux Out
  - Composite (RCA)
- 2xHD: DVI
- Audio inputs
  - Connection: Level
  - Connector: 1xPhone 360°
  - Diag: RI-11/6
  - Aux.
  - Mic: Stereo jack 3.5 mm
  - Audio In
  - Line: RCA
  - Aux In
  - Level: Level
  - Line: 2 RCA (LR)
  - Audio outputs
  - Connection: Level
  - Connector: 2 RCA (LR)
  - Aux Out
  - Level: Level
  - Line: 2 RCA (LR)

**Closed Captioning/Text Chat**
- T.140 text chat, available from Web

**Interoperability**
- Microsoft® Office Communicator 2007

**User Interface**
- Multilingual on-screen graphic user interface
- User selectable languages: Italian, English, French, Spanish, German, Portuguese, Norwegian, Swedish, Russian, Czech, Arabic, Hungarian, Polish, Finnish, Simplified Chinese, Traditional Chinese, Japanese, Korean, Turkish
- Infrared remote control for full function control
- Contextual help
- Diagnostics and management functions
- Call progress monitoring
- Supports AMO “Creston”
- Customizable Graphic User Interface
- Web streaming function: UNICAST and MULTICAST compatible with QuickTime™
- Security mode (sw option)

**Multipoint Function (option)**
- Integrated MCU: H.320, H.323 and SIP mixed mode
  - 9 participants @ 256 kbps
  - 7 participants @ 384 kbps
  - 6 participants @ 512 kbps
  - 5 participants @ 768 kbps
  - 4 participants @ 1 Mbps
  - 10 participants @ 384 kbps
  - 8 participants @ 512 kbps
  - 6 participants @ 768 kbps
  - 5 participants @ 1 Mbps
  - 4 participants @ 2 Mbps
  - 9-16 participants @ 512 kbps
  - 4 participants @ 1 Mbps

**Video**
- Supports Canon or Sony, aux PTZ camera
- Aux Out Line 2 RCA (L/R)
- Monitor 1 Line 2 RCA (L/R)
- Audio In Line RCA
- Aux. mic. Mic Stereo jack 3.5 mm
- Connection: 2xHD DVI-I
- Aux Out Composite (RCA)
- Monitor 2 S-video (Mini-DIN)
- Doc. Cam. 1 S-video (Mini-DIN)
- Doc. Cam. 2 S-video (Mini-DIN)
- Doc. Cam. 3 Composite (RCA)
- NIST (National Institute of Standards & Technology) certified
- Compatibility with analog and mobile networks
- Video coding: H.261, H.263, H.263++, H.263+, H.264, H.264+
- Video audio: G.711, G.722.1, G.722
- Chair control H.243
- Dial-In/Dial-Out capabilities
- Transcoding
- IP & ISDN Auto Downspeeding
- Continuous Presence
- Encryption
- H.265 Dual-video from any site
- Desktop Connectivity (optional)

**Security**
- Desktop Connectivity (optional)
- Contextual help
- Infrared remote control for full function control
- Call progress monitoring
- Diagnostics and management functions
- Contextual help
- Support applications Microsoft® PowerPoint®
- Power Support
- 100-240 Vac 50-60 Hz 2.5 A Max

**Dimensions**
- VEGA X7
  - Codec: 46 cm (18.11”)
  - Height: 6 cm (2.36”)
  - Depth: 23 cm (9.05”)
- Camera: 26 cm (10.23”)
  - Height: 16 cm (6.3”)
  - Depth: 16 cm (6.3”)

**AETHRA® SpA**
via Matteo Ricci, 10
60126 Ancona (Italy)
Telephone +39.071.218981
Fax +39.071.887077
Video 1 +39.071.2189704
Video 2 +39.071.2189701

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