

# maia<sup>®</sup> xc

## IP Videophone

### Versatile

IP Phone videoconferencing, Web browser  
e-mail Client, Photo Viewer

### Multiple connectivity

Supports both SIP and H.323 protocols

### Ergonomic

Ultra modern design, thin profile, easily fits  
into any home or office environment



aethra<sup>®</sup>  
keep connected...



A stylish videophone, MAIA<sup>®</sup> XC provides affordable and compact video telephony with the benefits of VoIP telephone and IP-based videoconferencing together with excellent visual and sound quality.

### Versatile Desktop Device

Provides IP telephony capabilities with IP-PBX integration, Internet browser for www pages, e-mail client and multi-protocol instant messaging for type-text communication. Photo Viewer to manage multiple type of graphics format and simple file manager.

### High-Quality Video

Features a high-resolution (800 x 480 pixels, 16/9) 7" LCD video display for private discussions with top-quality images from any visual angle. A TV screen connection is also provided for applications requiring larger presentation. For video input, a built-in camera, with manual focus and automatic white balance, uses a 1/4" CCD sensor to capture business-quality, 30 fps video.

### Multiple Network Connectivity

Supports both POTS and IP-based communications standards, fully conforming to the H.323 and SIP international standards with transmission rates up to 768 kbps over IP.

**Supported Standards**

- ITU-T H.323 v4 IP networks
- IETF-SIP (RFC3261) IP networks
- Video H.261, H.263++, H.264
- Audio G.711, G.728, G.722, G.722.1 Annex C

- LDAP H.350
- MCU compatibility H.243

**Transmission**

- Bit rate 64 kbps ÷ 768 kbps (H323/SIP)

**Video**

- Frame rate (Tx/Rx) 25 fps PAL  
30 fps NTSC
- Video resolution FCIF 352 x 288 pixels  
QCIF 176 x 144 pixels  
4CIF 704 x 576 pixels for still images (H.261 Annex D)  
SIF 352 x 240 pixels  
QSIF 176 x 120 pixels  
4SIF 704 x 480 pixels for still images (H.261 Annex D)
- Remote camera control H.281 (H.323)

**Audio**

Audio	Band	Bit rate
G.711	300 ÷ 3400 Hz	48/56/64 kbps
G.728	50 ÷ 3400 Hz	16 kbps
G.722	50 ÷ 7000 Hz	48/56/64 kbps
G.722.1	50 ÷ 7000 Hz	24/32 kbps
G.722.1 Annex C	50 ÷ 14000 Hz	24/32/48 kbps

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

**Built-in CCD Camera**

- Format 4:3 Digital 8bit
- Picture elements PAL 542 x 586 pixels  
NTSC 542 x 496 pixels
- Resolution 380 TVL / 470 TVL
- Focus Manual
- White balance Automatic
- Minimum illumination 0.5 lux
- S/N 52 dB
- Manual Tilt

**Built-in Display**

- Type TFT LCD 16/9 256K Color
- Size 7"
- Resolution 800x480 pixels
- Touch Screen (Factory Option)

**Network Interfaces**

- Ethernet 2-port switch 10/100 BASE-T (2xRJ45)
- RJ11-type single line analog on PSTN
- WiFi Module 802.11b&g (Factory Option)

**Audio/Video Interfaces**

- Video Inputs Main Camera Integrated  
1x Composite RCA
- Video Output Main Monitor Integrated LCD 7"  
1x Composite RCA
- Audio Inputs Mic Integrated  
Handset RJ11  
1x Line In RCA  
Headset 3.3 mm jack
- Audio Outputs Speaker Integrated  
Handset RJ11  
1x Line Out RCA  
Headset 3.5 mm jack

**Auxiliary Interfaces**

- USB 2.0 (A) master High Power
- Smart Card Reader SD, MMC

**User Interface for Videoconferencing**

- Multilingual on-screen graphic user interface
- User selectable languages: Italian, English, French, Spanish, German, Portuguese, Norwegian, Swedish, Russian, Czechoslovakian, Hungarian, Polish, Finnish, Simplified Chinese, Traditional Chinese, Japanese, Korean
- Contextual help
- Diagnostics and management functions
- Call progress monitoring
- Customizable Graphic User Interface

**Built-in hands free**

- Electric omnidirectional microphone
- Speaker 8 Ohm 0.5 Watt

**Security**

- AES encryption standard 128 bit for multimedial streams H.235 (H.323), MD5 (SIP)
- NIST (National Institute of Standards & Technology) certified

**Add-Ons**

- Internet Web Browser Feed RSS
- Email Client IMAP, POP3
- Multi-Protocol Instant Messaging Manager compatible with: Windows Live™ Messenger, Google™ Talk, Yahoo™ MSG, IRC
- File Manager
- Photo Viewer supported format: wbmp, jpg, ani, bmp, gif, ico, pcx, png, pnm, ras, tga, xbm, tif, xpm, svg

**Telephony Features**

- Audio & Video Privacy
- Auto-Reply
- Selectable Ring Tones
- In-band DTMF
- LDAP Compatible Address book
- Speed Dial
- Last Number Redial
- Call Logging
- Pulse/tone calls (POTS only)

**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

**Power Supply**

- 12V, 2Amp max
- Power Over Ethernet (IEEE 802.3af) (Factory Option)

**Dimensions**

- MAIA XC

Width	30.3 cm	(11.93")
Height	23 cm	(9.05") camera closed
	28 cm	(11.02") camera open
Depth	10 cm	(3.93")
Weight	1.950 Kg	(4.31 lbs)

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