MAIA® STAR

Elegant and High Quality
Ultra modern design, thin profile, superior audio and video quality

Compact
Fits perfectly into any executive environment or small meeting room

Flexible connectivity
Offers both IP and ISDN connection capabilities

OVERVIEW

Maia® Star is an attractive, compactly designed videophone that affordably provides ISDN and IP-based videoconferencing to home offices and small businesses. With its thin profile and cool modern design, the Maia Star videophone has all the features and benefits you need in a reliable, all-in-one system.

MULTIPLE NETWORK CONNECTIVITY
Supports both ISDN and IP-based communications standards, fully conforming to the H.320 and H.323 international standards (with transmission rates up to 384 kbps over IP).

HIGH-QUALITY VIDEO
Features a high-resolution (640 x 480 pixels) thin, 10" LCD video display for private discussions with top-quality images from any visual angle. For video input, a built-in camera, with manual focus and automatic white balance, uses a 1/3" CCD sensor to capture business-quality, 15 fps video.

EXCELLENT SOUND REPRODUCTION
Provides large bandwidth and full-duplex hands-free audio with omnidirectional microphone, echo cancellation and Automatic Noise Suppression.

EASY TO INSTALL AND USE
On-screen contextual help and intuitive, non-intimidating graphical user interface ensure easy installation and use. The simple remote control, plus address book dialing, make it easy to master right away, even for the most novice user. All remote diagnostics and management functions are accessible from web browsers.

FEATURES AT A GLANCE

☐ Supports ISDN and IP network connectivity

☐ Audio echo cancellation with full-duplex

☐ 10" (25.4 cm) color LCD

☐ Serial port connection

☐ Presentation sharing using an external PC

☐ IR remote control

☐ Address book dialing

☐ Audio and video mute

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, G723.1
- 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)
- Automatic Gain Control (AGC)
- Automatic Noise Suppression

BUILT-IN CAMERA
- Sensor   1/3" CCD
- Format   Video composite
- Picture elements   798x 548 pixel
- Resolution   470 TV line
- Lens   f=3.6 mm
- Iris   F=2.0
- Focus   Manual
- White balance   Automatic
- Minimum illumination 0.5 lux
- S/N   52 dB

BUILT-IN DISPLAY
- Type   Color TFT-LCD
- Size   10"
- Resolution   640x 480

NETWORK INTERFACES
- ISDN
  1 BRI   1 RJ-45
- Ethernet
  10/100BASE-T full-duplex   1 RJ-45

AUDIO/VIDEO INTERFACES
- Video input   CVBS PAL/NTSC (RCA)
- Video output   CVBS PAL/NTSC (RCA)
- Audio input   Line (RCA)
- Audio output   Line (RCA)

AUXILIARY INTERFACES
- Serial port   RS232 (DB9)

USER INTERFACE
- Multilingual on-screen graphic user interface
- User selectable languages:
  Italian, English, French, Spanish, German, Portuguese, Norwegian, Swedish, Chinese
- Contextual help
- Diagnostics and management functions
- Call progress monitoring

BUILT-IN HANDS FREE
- Electric omnidirectional microphone
- Speaker   8 ohm 1 Watt

WEB MANAGEMENT
All configuration, call diagnostics and management functions are accessible using the following web browsers: Microsoft® Internet Explorer™, Netscape Navigator™
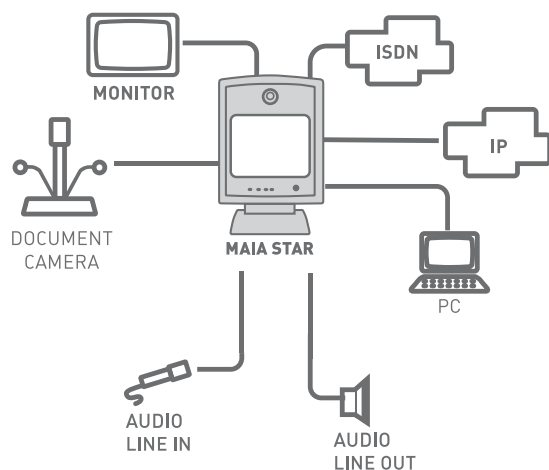
REMOTE DIAGNOSTIC AND MANAGEMENT

	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
- 100-240 Vac 50-60 Hz 0.45 A Max

DIMENSIONS
- MAIA STAR
  Width   28 cm (11.02")
  Height   38 cm (14.96'')
  Depth   23 cm (9.06")

MONITOR — DOCUMENT CAMERA — MAIA STAR — ISDN — IP — PC — AUDIO LINE IN — AUDIO LINE OUT

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