

NEW PRODUCT
CEBIT '02



aethra

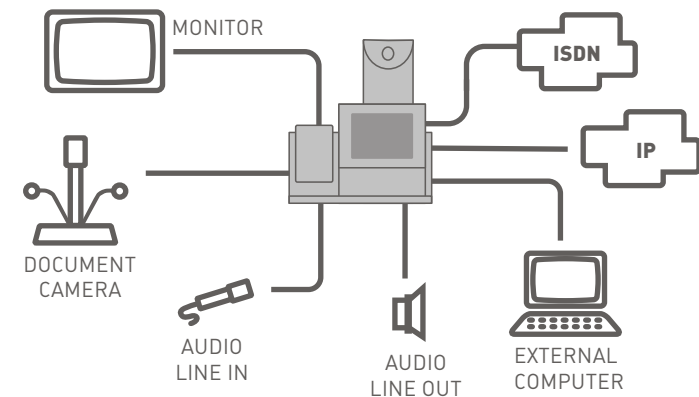


MAIA NX/MAIA IP VIDEOPHONE

This new generation videotelephone is a compact, cost-effective system for individual videoconference meetings. It is ideal for users who want an all-in-one, competitively-priced system without compromising on high-quality video. Easiness of installation and use are the main characteristics of this practical videotelephone which fits perfectly into any business environment due to its small footprint size.

The new system is available in two versions: Maia NX, compliant with H.323/H.320 standards (128kbps over ISDN; 384kbps over IP) and Maia IP, compliant with the H.323 standard (up to 384kbps).

The echo cancellation feature guarantees excellent sound reproduction even when using the hands-free feature. Top-quality images are ensured by the unit's display regardless of the visual angle. These systems can be expanded to accommodate larger groups by connecting an external camera or TV set.



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, G723
- 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)
- Remote Camera Control: H.281 in H.320*
H.282/H283 in H.323
- Audio Coding:

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

AUDIO FEATURES

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

NETWORK INTERFACES

- ISDN*
 - 1 BRI: 1RJ-45
- Ethernet
 - 10/100BASE-T: 1RJ-45

BUILT IN INTERFACE

BUILT IN USER CONTROL

- Keypad interface

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

BUILT IN DISPLAY

- Type: color TFT-LCD
- Size: 6"
- Resolution: 756x556x3(RGB)

BUILT IN SPEAKERPHONE

- microtelephone: electret omnidirectional
- speaker: 8 ohm 1Watt

EXTERNAL PORT

- Video Inputs: CVBS PAL/NTSC (RCA)
- Video outputs: CVBS PAL/NTSC (RCA)
- Audio Input: Line (RCA)
- Audio Output: Line (RCA)
- Serial port: RS232 (MINDIN 8P)

POWER SUPPLY

- AC adapter: 12V/2A

* Maia NX only



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