



NOVA™ ENTRY SILVER



Complete

High-performance system includes patented Voice Tracking technology

Convenient

Compact entry-level rollabout; spacious cabinet for auxiliary equipment

Flexible

Runs over ISDN and IP networks conforming to H.320/H.323 standards

OVERVIEW

Nova™ Entry Silver is the ideal videoconferencing solution for small to medium-sized rooms. It conveniently incorporates Aethra®'s advanced videoconferencing technologies in a single, elegant cabinet. This compact cabinet contains the core of the system and supports the 28" monitor, with ample room for auxiliary equipment.

MULTIPLE NETWORK CONNECTIVITY

Nova Entry Silver supports ISDN and IP networks, conforming to the international standards H.320 and H.323.

MORE NATURAL COMMUNICATION

Nova Entry Silver's Voice Tracking function identifies and automatically frames the active speaker. Digital microphone pod with mute button, 360° coverage, and 3 built-in microphones pick up conversation from anywhere in room. Full-duplex audio with echo cancellation and automatic noise suppression prevents participants from missing a single word.

FULL-FEATURE CAMERA

In addition to Voice Tracking, the camera offers 122 pre-sets, 40x zoom, autofocus and high-speed pan and tilt.

SIMPLE TO INSTALL AND USE

Nova's large, lightweight wheels and quick setup make it easy to maneuver from one videoconference room to another in a matter of minutes. Once set up, the simple graphic interface and contextual help makes it extremely easy to install and use. An integrated directory is provided for quick and easy selection of your most frequent connections. Infrared remote control offers convenient camera control and system access.

FEATURES AT A GLANCE

- Camera with patented Voice Tracking
- Supports ISDN and IP
- Up to 512 kbps over ISDN, 2 Mbps over IP
- XGA input and output ports
- Simultaneous dual-stream video
- Web-based diagnostics and management
- Embedded PowerPoint® presentations
- AES encryption standard (option)





TECHNICAL SPECIFICATIONS

SUPPORTED STANDARDS

- ITU-T H.320 ISDN, leased networks
- ITU-T H.323 IP networks
- Video H.261, H.263++, 264*

* with Release 5.0

- Audio G.711, G.722, G.728, G.723.1
- Data T.120
- MCU compatibility H.243

TRANSMISSION

- Bit rate 56 ÷ 512 kbps over ISDN
64 kbps ÷ 2 Mbps over IP
56 kbps ÷ 2 Mbps over V.35/Leased

VIDEO

- Frame rate
15 frames per second @ 56-128 kbps
30 frames per second @ 168-2 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)
Up to 1024 x 768 pixels over XGA in 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
- Adaptive post filtering
- Automatic Gain Control (AGC)
- Automatic Noise Suppression

AUDIO TRACKING

- Tracking Enhanced Voice Tracking
- Coverage max.7 m, recommended 4 m
- Location ±60 °horizontal, ±25 °vertical

DIGITAL MICROPHONE POD

- Range 360°
- Response 50 ÷ 7000 Hz
- Microphones 3
- Mute button
- Up to 2 pods in a daisy-chain configuration

CAMERA

- Resolution 752x582 pixels
- Presets 122 presets
- H. angle of view 6.6 to 65 degrees
- Zoom 40x (10x optical + 4x digital)

MONITOR

- TV set 28"
- Format PAL or NTSC
- Single, dual monitor
- PIP function

NETWORK INTERFACES

- Basic version
ISDN 4 BRI with integrated channel aggregator 4 RJ-45
Ethernet
2-Port 10/100BASE-T full-duplex with integrated switch Ethernet 2 RJ-45
- Optional
Leased networks (substituting 3 BRI)
X.21/V.35/RS366/RS449/RS530 44 pin/HiDen
Wi-Fi wireless interface 802.11b

AUDIO/VIDEO INTERFACES

- Video inputs
Main S-video (Mini-DIN)
VCR Composite (RCA)
Doc. Cam. 1 S-video (Mini-DIN)
Doc. Cam. 2 S-video (Mini-DIN)
Doc. Cam. 3 Composite (RCA)
XGA In DB15 Hi/Den
- Video outputs
Main Composite (RCA)
S-video (Mini-DIN)
Monitor 2 S-video (Mini-DIN) with monitor detect
VCR Composite (RCA)
XGA Out DB 15 Hi/Den
- Audio inputs
Connection Level Connector
2xPod mic. 360° Dig. RJ-11 6/6
Aux. mic. Mic. Stereojack 3.5 mm
Audio In Line RCA
VCR Line 2 RCA (L/R)

- Audio outputs
Connection Level Connector
Main Line 2 RCA (L/R)
VCR Line 2 RCA (L/R)

AUXILIARY INTERFACES

- PAN&TILT DB9
- Data RS232 Mini-DIN 8-pin with DB9 adapter
- Diagnostics RS232 Mini-DIN 8-pin
- VISCA RS232 Mini-DIN 8-pin supports Canon or Sony, aux PTZ camera
- PC card 1 PCMCIA, type II for Wi-Fi card

USER INTERFACE

- Multilingual on-screen graphic user interface
- User selectable languages: Italian, English, French, Spanish, German, Portuguese, Norwegian, Swedish, Chinese
- Infrared remote control for full function control
- Contextual help
- Diagnostics and management functions
- Call progress monitoring
- Supports AMX™ or Crestron™

ENCRYPTION

- AES encryption standard (option)

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

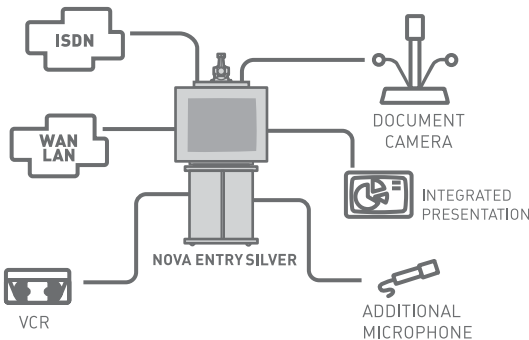
- Supported applications
Microsoft® PowerPoint®
- Multimedia support T.120

POWER SUPPLY

- 110-120 Vac 60Hz 4 A Max
- 220-240 Vac 50Hz 2 A Max

DIMENSIONS

- NOVA ENTRY SILVER
Width 76 cm (29.9")
Height 160 cm (62.9")
Depth 70 cm (27.5")



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