

Multimedia high level rollabout

NOVA™ ENTRY SILVER

Complete

High performance, compact and quick to set up rollabout

Flexible

Mounted in a spacious cabinet with room for auxiliary equipment, it can be easily moved from one videoconference room to another in a matter of minutes, even using the lift!

Cost effective

Entry-level rollabout equipped with all the cutting-edge technology required in a VC system



Nova™ Entry Silver combines the technological advantages of an Aethra set-top with the flexibility of a multimedia rollabout.

Multiple Network Connectivity

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

Dual-Stream video

This feature allows the system to send two simultaneous video signals from two different video sources.

Patented Voice Tracking

Voice Tracking technology enables the camera to automatically track and frame the person who is speaking.

Multilingual Interface

Provides multilingual, on-screen graphic user interface. Users can select from Italian, English, French, Spanish, German, Portuguese, Norwegian, Swedish, Russian, Czechoslovakian, Hungarian, Chinese, Japanese, Korean.

Customizable Graphic User Interface

The user is able to choose layouts and colours from a variety of alternatives.

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Technical Specifications

Supported Standards

• ITU-T H.320	ISDN, leased networks
• ITU-T H.323	IP networks
• IETF-SIP (RFC3261)	IP networks
• PPPoE	
• Video	H.261, H.263+, H.264 H.239, H.241
• Audio	G.711, G.728, G.722, G.722.1, MPEG 4 AAC-LD
• Data	T.120
• LDAP	H.350
• MCU compatibility	H.243, H.231

Transmission

- Bit rate 56 kbps ÷ 768 kbps over ISDN
64 kbps ÷ 2 Mbps over IP (H323/SIP)
56 kbps ÷ 2 Mbps over V.35/Leased
- Simultaneous video motion coding and PC presentations from the XGA input

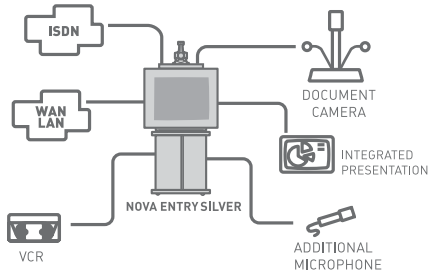
Video

- Frame rate 15 fps @ 56 kbps - 128 kbps
30 fps @ 168 kbps - 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)
4SIF 704 x 480 pixels
SIF 352 x 240 pixels
4SIF 704 x 480 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.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
AAC-LD	50 ÷ 14000 Hz	48/56/64 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 ÷ 14000 Hz
- Microphones 3
- Mute button
- Up to 2 pods in a daisy-chain configuration

Camera

- Resolution 752 x 582 pixels
- Presets 122 presets
- H. angle of view 6.6 to 65 degrees
- Zoom 40x (10x optical + 4x digital)

Monitor

- Single TV set 28" 4:3 50 Hz
- Format PAL or NTSC
- PIP function

Network Interfaces

- Basic version ISDN 4 BRI ISDN 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 44 pin Hi/Den
- 6 BRI with integrated channel aggregator 6 RJ-45

Network Protocols

- TELNET, HTTP, SNMP, DNS, DHCP, RTP/RTCP, TCP/UDP, ARP

Network Features

- Differentiated Service (DIFFSERV), IP Precedence, IP Type of Service (ToS), Auto Gatekeeper Discovery, Clever Packets Management (AcCPM)

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	DB 15 Hi/Den
- Video outputs

Monitor 1	Composite (RCA)
Monitor 2	S-video (Mini-DIN)
	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.	Stereo jack 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, Russian, Czechoslovakian, Hungarian, Chinese, Japanese, Korean
- Infrared remote control for full function control
- Contextual help
- Diagnostics and management functions
- Call progress monitoring
- Supports AMX™ or Crestron™
- Customisable Graphic User Interface
- Web streaming function: UNICAST and MULTICAST compatible with QuickTime™

Encryption

- AES encryption standard H.233, H.234, H.235

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	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	82 cm (32.3")
Height	159 cm (62.6")
Depth	70 cm (27.6")

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