SUPERNOVA™ STAR

SUPERNOVA™ STAR 240 - SUPERNOVA™ STAR XGA250

Highest Quality
State-of-the-art plasma screens and superior audio and video coding technology

Enriches Collaboration
Integrated, multi-standard MCU connects up to 7 sites with Continuous Presence feature

Sleek Design
Advanced design graces any executive conference room

OVERVIEW

Combining elegance with compact efficiency, Supernova™ Star XGA 240 and XGA250 each integrate a complete videoconferencing system in a professional, sleek rollabout. The two large plasma screens enable every visual angle to be covered in conference rooms of all dimensions. The integrated Multipoint Conferencing Unit (MCU) connects up to 7 sites in mixed mode (ISDN and IP), with convenient dial-out and dial-in (Meet Me) configuration. Continuous Presence feature enables participants at all sites to view one another simultaneously.

SIMULTANEOUS DUAL-STREAM VIDEO
Convenient XGA input and output ports provide one-step PC plug-in or LAN connection for simultaneous dual-stream video and live PC presentations with enhanced images.

MULTIPLE NETWORK CONNECTIVITY
Supports 768 kbps over ISDN BRI and 2 Mbps over IP, as well as connections up to 2 Mbps over ISDN PRI and IP, or over leased lines (X.21, V.35, RS449, G.703).

MULTILINGUAL INTERFACE
Provides multilingual, on-screen graphic user interface. Users can select from English, Italian, French, Spanish, German, Portuguese, Norwegian, Swedish and Chinese.

EASY TO MANEUVER
Two 40" or 50" high quality plasma monitors are integrated on a single rollabout stand for convenient maneuverability.

FEATURES AT A GLANCE

☐ 2 40" or 50" high quality plasma screens on a single rollabout stand

☐ Simultaneous dual-stream video

☐ Integrated MCU with Meet Me configuration

☐ Embedded PowerPoint™ presentations

☐ Patented Voice Tracking camera

☐ 360° digital microphone pod

☐ Full-duplex echo cancellation

☐ Remote diagnostics and web management

☐ Contextual help

TECHNICAL SPECIFICATIONS

SUPPORTED STANDARDS
- ITU-T H.320 — ISDN, leased networks
- ITU-T H.323 — IP networks
- Video — H.261, H.263++ (I,J,T,F)
- Audio — G.711, G.722,G.728, G.723.1
- Data — T.120
- MCU compatibility — H.243

TRANSMISSION
- Bit rate
  56÷768 kbps over ISDN 6BRI
  56÷2 Mbps over ISDN PRI*
  64÷2 Mbps over IP
  56÷2 Mbps over V.35 / leased lines
- * in North America ISDN PRI/T1 at 1544 kbps (ANSI T1 recommendations)
- Simultaneous video motion coding and PC presentations from the XGA input
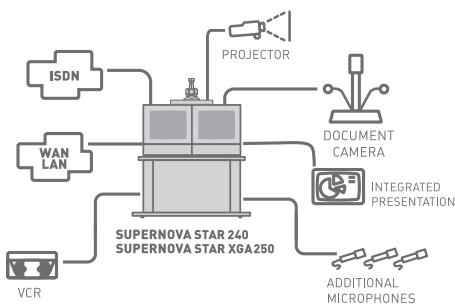
VIDEO
- Frame rate
  15 frame per second @ 56-168 kbps
  30 frame per second @ 168 kbps-2 Mbps
- Video resolution
  4CIF 704x576 pixels
  FCIF 352x288 pixels
  QCIF 176x144 pixels
  4CIF 704x576 pixels for still images (H.261 Annex D)
  Up to 1024x768 over XGA in H.263
- Camera remote control H.281 (H.320)
  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) — 30 dB
- Automatic Gain Control (AGC) — ±12 dB
- Automatic Noise Suppression
- Bi-amplified bass treble loudspeaker 2x40W RMS

ISDN
WAN LAN
VCR
PROJECTOR
DOCUMENT CAMERA
INTEGRATED PRESENTATION
SUPERNOVA STAR 240
SUPERNOVA STAR XGA250
ADDITIONAL MICROPHONES

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

DIGITAL MICROPHONE POD
- Coverage — 360°
- Response — 50÷7000 Hz
- Microphones — 3
- Mute button
- Up to 2 pods in a daisy-chain configuration

CAMERA
- Resolution — 752x582 pixels
- Preset — 2 presets
- H. angle of view 6,6 to 65 Degrees
- Zoom — 40x (10x optical + 4x digital)

MONITOR
- Dual monitor
- Picture diagonal 40 inch Supernova Star 240
- Picture diagonal 50 inch Supernova Star XGA250
- PIP function

NETWORK INTERFACES
- ISDN
  6 BRI ISDN with integrated channel aggregator — 6 RJ-45
  1 E1/T1 PRI with integrated channel aggregator — 1 RJ-45
- Ethernet
  2-Port 10/100BASE-T full-duplex with integrated switch Ethernet — 2 RJ-45
- Leased networks
  X.21/V.35/RS366/RS449/RS530 — 44pin Hi/Den
  G.703 — 1 RJ-45

AUDIO/VIDEO INTERFACES
- Video input

Main camera		S-video (Mini-DIN)
3x Aux		Composite (BNC)
3x Doc.Cam.		S-video (Mini-DIN)
XGA In		DB15 Hi/Den

- Video output

Monitor 1		Composite (BNC)
		S-video (Mini-DIN)
Monitor 2		Composite (BNC)
		S-video (Mini-DIN)
VCR		Composite (BNC)
		S-video (Mini-DIN)
XGA Out		DB15 Hi/Den

- Audio input

Connection	Level	Connector
2x Pod Mic. 360°	Mic.	RJ-11 6/6
3x Aux.mic.	Mic.	XLR
3x Audio In	Line	RCA

- Audio output

4x Audio Out	Line	RCA

AUXILIARY INTERFACES
- Voice Tracking — DB9
- Data RS232 — DB9
- Diagnostics RS232 — DB9
- VISCA RS232 — Mini-DIN 8-pin
- PC CARD
- Supports Canon or Sony aux PTZ cameras 1 PCMCIA, type III

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™ touch panels

MULTIPOINT FUNCTION
- Integrated MCU — H.320 and H.323 mixed mode
  7 participants — @256kbps
  5 participants — @384kbps
  4 participants — @512kbps
  3 participants — @768kbps
- Compatible with analog and mobile networks
- Video coding — H.261, H.263++
- Audio coding — G.711, G.722, G.728
- Chair control — H.243
- Dial-In/Dial-Out capabilities
- Continuous Presence

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 60 Hz 8 A Max
- 220-240 Vac 50 Hz 4 A Max

DIMENSIONS
- SUPERNOVA STAR 240
  Width — 216 cm (85")
  Height — 191 cm (75")
  Depth — 74 cm (29")

- SUPERNOVA STAR XGA250
  Width — 245 cm (96")
  Height — 191 cm (75")
  Depth — 74 cm (29")