Enhanced Gateway

LifeSize® Networker™ is an enhanced, all-in-one gateway for integration between IP and ISDN networks that offers multiple compact network interfaces and allowing users to connect LifeSize video systems with legacy video systems.

(Seamless IP to ISDN connectivity)

LifeSize Networker enables IT administrators and network managers to provide users and departments with cost efficient, complete connectivity to anyone anywhere.

Use LifeSize Networker in a single use configuration and connect LifeSize® Room™ or LifeSize® Team™ to ISDN (BRI or PRI) networks all from one, easy to manage device.

Seamless connectivity. Simple to Use. Cost effective.
It means that your users can connect. Worry-free.

The Advantages are Clear

Flexible LifeSize Solutions - Connect LifeSize Networker to either LifeSize Room or LifeSize Team directly or through H.323 gatekeeper allowing IP to ISDN connectivity

Full Featured Gateway — Standards-based IP (H.323) and ISDN (H.320) gateway

All-in-One, Compact Interface — Includes 1x LAN/Ethernet to connect LifeSize Room or LifeSize Team and 1 x PRI or 4 x BRI to connect to the ISDN network

High Value Solution — For regional, departmental deployments to lower call costs, increase reliability, redundancy and manageability

Simple to Use — Plug and play and web browser-based interface for configuration

Cost Effective — The most cost efficient way to leverage and connect all of your resources

Efficient, Compact Design — Integrated to LifeSize Room using Power over Ethernet (PoE)

Product Specifications

System Capacity
Supports a single call up to maximum of:
8B channels (512 kbps) on the BRIs (S/T)
18B channels (1.152 Mbps) on the PRI (E1/T1)

Endpoints Supported
LifeSize Room and LifeSize Team to any:
 ISDN (H.320) video and audio end points
 via ISDN to IP (H.323) video and audio end points

Gateway Features
H.323 Call Routing to ISDN
H.320 Call Routing to IP
H.323 Call Routing to IP via ISDN
Automatic ISDN downspeeding to available IP or ISDN
 rates at call setup

ISDN Call Features
Supports ETSI/NAT variants (AT&T 4ess, AT&T 5ess,
 Nortel DMS 100, ETSI, NI, NTT)
Auto SPID detection (Only on National ISDN)
Supports Hong Kong PRI

Dual Video Support
Standards-based H.239 support for dual streaming
 support for presentations and collaboration for H.320
 and H.323

Video Standards
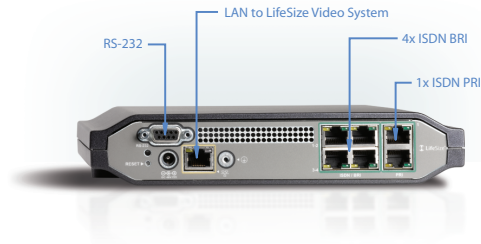H.263, H.264

Audio Standards
G.711 (A-Law/U-Law), G.722, G.722.1 (24kbps/32 kbps)

Additional Supported Standards
H.221, H.230, H.239, H.242, H.320, H.323, Bonding
 (ISO 13871)

Video Resolutions
Supports all H.320 video resolutions including CIF, 4CIF,
 SIF, 2SIF, 4SIF, HD

RS-232
LAN to LifeSize Video System
4x ISDN BRI
1x ISDN PRI

Network Interfaces
4 x BRI (RJ-45) S/T
1 x PRI T1/E1 (RJ-45)
1 x 10/100 Mbps auto sensing

System Management
Management via embedded Web server using HTTPS

Security
Flash-based Web management tool
Admin password
SNMP security alerts
Ability to disable IP services and Telnet

System Design
Physical Dimensions
Height: 42 mm / 1.65 in
Width: 215 mm / 8.46 in
Depth: 190 mm / 7.48 in
Weight: 1.043 Kg / 2.2 lbs

Power
POE 48VDC power

Environmental Data
Operating temperature:
0°C (32°F) to 40°C (104°F)
Operating humidity:
15% to 85%, non-condensing
Storage temperature:
-40°C (-40°F) to 70°C (158°F)
Storage humidity: 10% to 90%

ISDN
LifeSize Video Systems (H.323)

Regulatory Model Numbers
Model: LifeSize Networker-S/T = LFZ-002

For additional information:
www.lifesize.com/support