



Experience Communication in High Definition

⇒ LifeSize® Networker™



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 BRI's (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

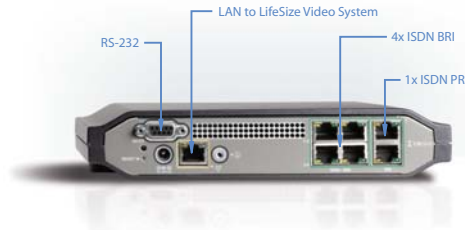
G.711 (A-Law/U-Law), G.722, G.722.1 (24kbps/32 kbps)

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



Network Interfaces

4 x BRI (RJ-45) S/T version
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%



Regulatory Model Numbers

Model: LifeSize Networker-ST = LFZ-002

For additional information:

www.lifesize.com/support

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INFORMATION & IMAGE MANAGEMENT SYSTEMS, S.A.

Valencia, 279, 7ª planta
08009 Barcelona (España)
<http://www.ims.es>



Tel. (34) 93 272 33 00
Fax (34) 93 487 39 00
e-mail: info@ims.es