

LifeSize Networker delivers the most cost effective way to leverage and connect all of your resources



## Enhanced Gateway

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

### (Seamless IP to ISDN connectivity)

LifeSize Networker enables IT administrators and network managers to provide users and departments with cost effective, complete connectivity to anyone, anywhere. Standards based, LifeSize Networker enables ISDN connectivity to H.264, H.263, and now H.261 codecs.

Use LifeSize Networker in a single-use configuration with one LifeSize video system or configured as a shared resource accessible by multiple LifeSize video systems. Either configuration provides easy access to ISDN networks all from one, easy to manage device.

Simplify your shared resource configurations. LifeSize Networker's new Dial Peer policy allows you to share Networker with multiple LifeSize video systems without the use of a Gatekeeper.

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

## LifeSize Networker Key Features

### Quality ISDN

Supports up to 8 calls spread over 1 PRI interface

### Flexible Solution

Multiple modes of connectivity, Use as a standalone or shared device with multiple LifeSize video systems

### Full Feature

Standards-based H.323 and ISDN H.320 solution

### All-in-One Compact Interface

Includes 1x LAN to connect to the LifeSize video system or Ethernet switch and 1x PRI or 4x BRI to the ISDN network

### High Value Solution

Regional departmental deployments to lower call costs, increase reliability, redundancy and manageability

### Ease of Use

Plug and play and web browser interface for configuration

### Cost Effective

Most cost effective way to leverage and connect all resources

### Efficient, Compact Design

Uses Power over Ethernet (PoE) when integrated directly with a LifeSize video system

# Product Specifications - LifeSize® Networker™

## System Capacity

BRI - Supports up to four calls spread over a maximum 8B channels (512 Kbps) using BRI S/T interface  
PRI - Supports up to eight calls spread over a maximum 23B (T1) channels (1472 Kbps) and 30B (E1) channels (1920 Kbps) using PRI interface  
Partial PRI - Supports fractional PRI by using a contiguous subset of B channels

## Endpoints Supported

All LifeSize video systems to any:  
ISDN (H.320) video and audio end points  
via ISDN to IP (H.323) video and audio end points

## Gatekeeper Dialing Modes

Direct Inward Dial (DID)  
TCS4

## Non-Gatekeeper Dialing Modes

Hardwired  
Direct Connect  
Dial Peer

## 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 and during the call

## 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.261, H.263, H.263+, H.264,

## Audio Standards

G.711 (A-Law/U-Law), G.722, G.722.1c (Polycom® Siren14™) (24Kbps/32Kbps), G.728

## 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

## Quality of Service (QoS)

QoS support with Diffserv, IP Precedence (IntServ)

## 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  
LifeSize external power supply (optional)

## 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-S/T = LFZ-002

For additional information:  
[www.lifesize.com/support](http://www.lifesize.com/support)

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