

Seamless ISDN to IP Connectivity

LifeSize® Networker™



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.

Enhanced Gateway

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

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 At-a-Glance

Quality ISDN	Supports up to 8 calls spread over 1 PRI interface
Flexible Solution	Multiple modes of connectivity—use as a stand-alone or shared device with multiple LifeSize video systems
Full Featured	Standards-based gateway between IP (H.323) and ISDN (H.320)
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 and increase reliability, redundancy and manageability
Ease of Use	Plug-and-play and web browser interface for configuration
Efficient, Compact Design	Uses Power over Ethernet (PoE) when integrated directly with a LifeSize video system

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

Most LifeSize video systems* to any:
 ISDN (H.320) video and audio endpoints
 via ISDN to IP (H.323) video and audio endpoints

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™) (24 Kbps/32 Kbps), 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

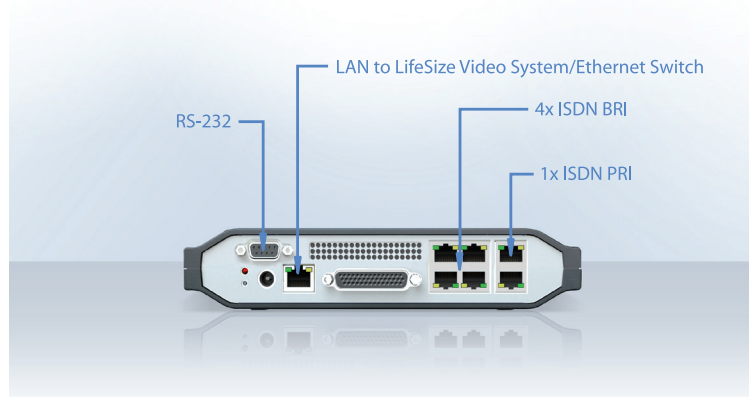
POE 48VDC power
 LifeSize external power supply (optional)

Environmental Data

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



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



*Exception is LifeSize® Passport™



Headquarters
 Austin, Texas, USA
 +1 512 347 9300
 Toll Free US +1 877 543 3749

EMEA Regional Office
 Munich, Germany
 +49 89 20 70 76 0
 Toll Free Europe +00 8000 999 09 799

www.lifesize.com
 E-mail info@lifesize.com

APAC Regional Office
 Singapore
 +65 6303 8370



Delivering the Ultimate Communication Experience

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