

MediaDNS™



Intelligent Engine for Load Balancing and Fault Tolerance



MediaDNS™ Key Features

Local Server Load Balancing - With actual server capacity knowledge, MediaDNS™ can accurately select the best server to serve a user rather than purely by connection quantity.

Global Server Load Balancing - With true user proximity, MediaDNS™ will identify a group of servers closest to the user. Then it will select the best server among this group of servers to serve the user.

Supporting Servers - MediaDNS™ not only can load balance ISG but also application server, media streaming server, cache like Network Appliance NetCache, Windows 2000 server as well as Linux server.

Real Time Monitoring - Real time health status of server is available in MediaDNS™ so that network administrator can monitor the capacity of all servers.

Web-based and Command Line Interface - Web-based interface is providing a user-friendly platform for network administrator to manage the whole network. Command line interface is also available for configuration.

Selection Policies - Real-time selection criteria can be by round robin, server health status, least connection, true server loading, true user proximity network latency and site availability.

Disaster Recovery - MediaDNS™ can intelligently re-direct user requests to other functioning node to maintain the service upon sudden node failure occurs.

Support Unlimited Distributed Node - With robust architecture, MediaDNS™ does not has upper limit of server node quantity.

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Model	MDNS1000
Features Summary Local Server Load Balancing Global Server Load Balancing Supporting Servers Real Time Monitoring Web-based and Command Line Interface Selection Policies Disaster Recovery Support Unlimited Distributed Node	Yes Yes ISG, Network Appliance NetCache, Windows 2000 Server, Linux Server Yes Yes Round Robin, True Server Loading, True User Proximity, Latency, Least Connection Yes Yes
Connectivity Standard Network Capability	Dual 10 / 100M Base - T Ethernet Port
Physical Specifications Form Factor Rackmount Height Width Depth Weight	1U, rack - mountable Midmount brackets 1.70" (43.18mm) 16.75" (425.45mm) 22.00" (558.80mm) 23 lbs.
Environment Ambient Temperature Non-operating Temperature Non-operating Humidity	Operating +10°C to +35°C to 5,000 ft. De-rated 1°C/1,000 to 10,000ft. Maximum rate of change of 10°C per hour -40°C to +70°C ambient 95% non-condensing at 30°C
Power Supply AC Voltage and Frequency	90 - 135, 180 - 265 VAC (40/63Hz)
Regulations Safety RFI / EMI EMC Immunity	En 60950:1992, IEC 801-2:1984, EC 801-3:1984, EC 801-4:1998, UL1950, CSA 950 TUV 950 FCC Class A, EN 55022:1987, IEC 801-3:1984, IEC 801-4:1988, CE EN 50082-1:1992

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