NetSys-5401 Industrial Cisco Router
Compact Embedded Services Router

ELMA
Your Solution Partner

CISCO Technology

Description

The NetSys-5401 is optimized for mobile and embedded networks that require IP routing and services. Featuring Cisco's 5915 Embedded Services Router the flexible, compact system provides highly secure data, voice, and video communications to stationary and mobile network nodes across wired and wireless links. The system offers high performance with five Fast Ethernet interfaces (two routed and three switched), and a rich Cisco IOS Software feature set for customers deploying bandwidth-intensive applications in embedded networks in industrial, public safety, transportation, defense, and energy markets. Cisco's on board hardware encryption provides scalable video, voice, and data services for mobile and embedded outdoor networks. Optional Advanced Enterprise package provides protocol support for Cisco's Mobile Ready Net features including mobile adhoc networking and radio aware routing.

Features

- Five 10/100 Fast Ethernet ports (two routed and three switched)
- Cisco IOS-Managed Embedded Services Router (ESR) including Cisco advanced encryption and mobile routing protocols
- Cisco 5915 Advanced Enterprise IOS including support for mobile adhoc networking and radio aware routing (optional)
- 512 MB DRAM and 256MB flash memory
- Fanless SWaP optimized rugged construction
- Expansion options available to add over 20 additional Ethernet ports plus CPU capability
- Call to discuss 3G/4G/LTE Cellular capability for remote router access.

Benefits

- Brings Cisco-certified networking capability to a wide range of industrial application environments
- Router serves as an aggregation point for on-demand network connectivity in mobile or fixed deployments in demanding environments.
- Cisco IOS Software feature set provides investment protection for systems deployed in applications in stationary or mobile networks in industrial, public safety, transportation, defense, and energy markets.
- Cisco IOS software familiarity minimizes training expense

Applications and Related Products

The NetSys-5401 Industrial Cisco Router is a key network management element for use in applications such as industrial automation, facility management, environmental monitoring, vehicular traffic management, equipment control and monitoring, surveillance, security, agri-business, oil and gas exploration and more.

- Complete line of small form factor chassis systems for a wide range of applications and environments
- Standards based I/O cards for connectivity configuration
- Storage solutions to meet most usage requirements across a range of applications.

SFF

NetSys-5401 Industrial Cisco Router
Compact Embedded Services Router

Industrial   **Network**

Specifications

Environmental

Temperature:
-20°C to +60°C operational
Payload rated at -40°C to 85°C
-40°C to +85°C storage
Operating shock: 40g; 11ms
Random vibration: 10Hz to 2000Hz
Humidity: Up to 95% RH non-condensing
Ingress Protection IP40 rated
Designed to meet FCC, UL and CE standards

Physical

Dimensions: 67.5mm H x 162mm W x 162mm D, per VITA 75, VU 8
(2.66" H x 6.38" W x 6.38" D)
Estimated weight: 4lbs
Choose from multiple cooling fin styles
Cooling: Passive. No fans
DIN rail, wall mount and table mount options

I/O Connections

6 RJ45 connectors: 2 routed, 3 switched and 1 console port
3-pin Phoenix power connector, 9- 36V DC
1 power-on LED light

Power

Power 28W power supply
Input voltage: 9- 36V DC
Outputs: 5V@3A, 3.3V@3A

Order Information

Model number: NTS-54E-01

Please contact sales for specific model configurations. For sales in the Americas, please call +1(510) 656-3400
or e-mail **sales@elma.com.**

For a complete list of international sales contacts, please visit our **Global Contacts** page.

Cisco and all related products and terms are registered trademarks of Cisco Systems Inc.

China:	+86 21 5866 5908	Germany:	+49 7231 97 34 0	Singapore:	+65 6479 8552	United Kingdom:	+44 1234 838 822
France:	+33 437 06 21 10	Israel:	+972 3 930 50 25	Switzerland:	+41 44 933 41 11	United States:	+1 510 656 3400

Elma Electronic • www.elma.com