

# CISCO 871

## INTEGRATED SERVICE ROUTER

### FEATURES

- High performance for broadband access in small offices
- Enhanced security, including:
  - Stateful Inspection Firewall
  - IP Security (IPSec) VPNs (Triple Data Encryption Standard [3DES] or Advanced Encryption Standard [AES])
  - Intrusion prevention system (IPS)
  - Antivirus support through Network Admission Control (NAC) and enforcement of secure access policies
- 4-port 10/100 managed switch with VLAN support
- Secure WLAN 802.11b/g option with use of multiple antennas
- Easy setup, deployment, and remote management capabilities through Web-based tools and Cisco IOS® Software



### PRODUCT SPECIFICATIONS

#### GENERAL

Enclosure Type	Desktop
Authentication Method	RADIUS, TACACS+
RAM	128 MB (installed) / 256 MB (max)
Status Indicators	Port status, power
Encryption Algorithm	Triple DES, AES, PKI
Routing Protocol	OSPF, RIP-1, RIP-2, BGP, EIGRP, HSRP, VRRP,
Manufacturer	NHRP, PIM-SM, PIM-DM, GRE, policy based routing (PBR)

#### CAMERA

Installed Size	28 MB
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#### POWER DEVICE

Power Provided	26 Watt
Nominal Voltage	AC 120/320 V
Frequency Required	50/60 Hz
Type	External Power Adapter



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## INTEGRATED SERVICE ROUTER

### PRODUCT SPECIFICATIONS

#### NETWORKING

Form Factor

Desktop

Type

Router

Connectivity Technology

Wired

Data Link Protocol

Ethernet, Fast Ethernet

Network / Transport Protocol

ARP, ICMP/IP, IPSec, L2TP, PPPoA, PPPoE, PPTP, RSVP

Features

Access Control List (ACL) support, Class-Based Weighted Fair Queuing (CBWFQ), DHCP support, DMZ port, DiffServ support, Dynamic Multipoint VPN (DMVPN), IPv6 support, Intrusion Detection System (IDS), Intrusion Prevention System (IPS), Link Fragmentation and Interleaving (LFI), Low-latency queuing (LLQ), NAT support, Network Admissions Control (NAC), PAT support, Quality of Service (QoS), Stateful Packet Inspection (SPI), URL filtering, VLAN support, VPN passthrough, VPN support, Weighted Fair Queuing (WFQ), auto-negotiation, auto-sensing per device, auto-uplink (auto MDI/MDI-X), dynamic DNS server, dynamic IP address assignment, firewall protection, firmware upgradable, manageable, traffic shaping

Compliant Standards

IEEE 802.1D, IEEE 802.1Q, IEEE 802.1x

Routing Protocol

BGP, EIGRP, GRE, HSRP, NHRP, OSPF, PIM-DM, PIM-SM, RIP-1, RIP-2, VRRP, policy based routing (PBR)

#### EXPANSION SLOTS

Type

none

#### CAPACITY

Type

VPN tunnels

Value

10



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## INTEGRATED SERVICE ROUTER

### PRODUCT SPECIFICATIONS

#### SLOT REQUIRED

Type none

#### OS PROVIDED

Type Cisco IOS Advanced IP services

#### GENERAL

Manufacturer Cisco

Switching Protocol Ethernet

Remote Management Protocol FTP, HTTP, SNMP, SNMP 3, Telnet

#### MISCELLANEOUS

Encryption Algorithm AES, PKI, Triple DES

Refurbished Refurbished

#### INTERFACE PROVIDED

Type USB 2.0, Management, Network

Interface Ethernet 10 Base-T/100 Base-TX, console

Quantity 1, 2, 4

Connector Type 4 pin USB Type A, RJ-45

WAN / DMZ WAN

#### RAM

Installed Size 128 MB

Max Supported Size 256 MB

#### FLASH MEMORY

Max Supported Size 52 MB

#### SOFTWARE /SYSTEM REQUIREMENTS

Type Cisco IOS Advanced IP services

#### ENVIRONMENTAL PARAMETERS

Min Operating Temperature 32°F

Max Operating Temperature 104°F

Humidity Range Operating 10-85%



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### PRODUCT SPECIFICATIONS

#### HEADER

Brand	Cisco
Product Line	Cisco
Model	871 Security Bundle
Packaged Quantity	1
Compatibility	PC

#### DIMENSIONS & WEIGHT

Width	10.2 in.
Depth	8.5 in.
Height	2 in.
Weight	2.09 lbs.