ACME-RS4000 Series/RS-4007α

Rugged Integrated Services Routers

Network with investment-protection rugged solution.

ACME-RS4000α Series Integrated Services Routers (ISRs) form an intelligent WAN platform that delivers the performance, security, and convergence capabilities that today's branch offices need.

Product Overview.

The ACME-RS4000 Series Integrated Services Routers (ISR) revolutionize WAN communications in the enterprise branch. With new levels of built-in intelligent network capabilities and convergence, the routers specifically address the growing need for application-aware networking in distributed enterprise sites. These locations tend to have lean IT resources. But they often also have a growing need for direct communication with both private data centers and public clouds across diverse links, including Multiprotocol Label Switching (MPLS) VPNs and the Internet.

ACME-RS4000α Converged Branch Infrastructure

The ACME-RS4000α Series ISRs consolidate many must-have IT functions, including network, compute, and storage resources. The high-performance, integrated routers run multiple concurrent IWAN services, including encryption, traffic management, and WAN optimization, without slowing your data throughput. And you can activate new services on demand through a simple licensing change.

Network protection rugged solution.

In today's rapidly changing world of cloud-based products and services, it can be difficult for military to decide how to best handle increased data and the demands of applications. ACME has introduced the ACME-RS4000 Family Integrated Services Router (ISR) revolutionizes WAN communications in the enterprise branch. including Multiprotocol Label Switching (MPLS) VPNs and the Internet.

Technical Specifications

Model	ACME-RS4000α
Increased resiliency	Support for multiple, diverse access links: T1/E1, T3/E3, Serial, xDSL, Gigabit and Ten-Gigabit Ethernet.
LAN 10/100/1000	RJF 2 1 G
Serial WAN	MS3112E 14-19S
Airflow	I/O side to bezel side
Aggregate Throughput	100 Mpbs to 300 Mbps
Flash memory support	4 GB, upgradable to up to 32 GB. USB 2.0 ports provide backup for IOS/configuration
DRAM	4 GB, upgradable to 16 GB
MS3112E 14-5P Power	100 ~ 240V AC 47/63Hz
Dimension	45x450x560 mm (H x W x D) ± 10%
MTBF/MTTR	50,000 HRs / 60 Mins
LED	Multi-color LED indicators for status

Patent	Intelligent Platform Management Interface , Surface Antimicrobial Treatment-JIS Z 2801:2010, SNMP for Network monitoring ,Device Management by Telnet/Console Port/WebUI
Protocols	IPv4, IPv6, static routes, Routing Information Protocol Versions 1 and 2 (RIP and RIPv2), Open Shortest Path First (OSPF), Enhanced Interior Gateway Routing Protocol (EIGRP), Border Gateway Protocol (BGP), Multicast Internet Group Management Protocol Version 3 (IGMPv3), Protocol Independent Multicast sparse mode (PIM SM), PIM Source-Specific Multicast (SSM), Internet Key Exchange (IKE), access control lists (ACL), Ethernet Virtual Connections (EVC), Dynamic Host Configuration Protocol Relay (DHCP Relay), Dynamic Host Configuration Protocol Server(DHCP Server), RADIUS, authentication, authorization, and accounting (AAA), Application Visibility and Control (AVC), Layer 2 and Layer 3 VPN, IPsec, Layer 2 Tunneling Protocol Version 3 (L2TPv3)
Encapsulations	Generic routing encapsulation (GRE), Ethernet, 802.1q VLAN, Point-to-Point Protocol (PPP), Multilink Point-to-Point Protocol (MLPPP), Frame Relay, Multilink Frame Relay (MLFR) (FR.15 and FR.16), High-Level Data Link Control (HDLC), Serial (RS-232, RS-449, X.21, V.35, and EIA-530), and PPP over Ethernet (PPPoE)
Traffic management	QoS, Class-Based Weighted Fair Queuing (CBWFQ), Weighted Random Early Detection (WRED), Hierarchical QoS, Policy-Based Routing (PBR), Performance Routing, and NBAR.

Environmental Specification

Altitude	MIL-STD-810G Method 500.5 Procedure II, 4572m, Functional
Operating Temp	MIL-STD-810G, Method 501.5, Procedure II (0˚C ~ + 60˚C) for AC input
Storage Temp	MIL-STD-810G, Method 501.5, Procedure I (-20˚C ~ + 80˚C)
Heat and Humidity	MIL-STD-810G Method 507.5, 73 +/- 4 F and 50 +/- 5 percent Relative Humidity RH
Vibration	MIL-STD-810G, Method 514.6, Procedure I , Random General vibration, Functional
Shock	MIL-STD-810G, Method 516.6, Procedure I , Saw tooth wave, 20G/11ms, Functional
Compliance	CE, FCC, RoHS, Safety,EMC, TIA-968-B, ANSI, ITU-T, IEEE