

IAS Router MICRO

IAS Routers have been designed from the ground up to solve the many diverse and complicated IP networking and security challenges that Government, Military and Emergency Response Communicators have, and does so in one of the smallest, lightest weight, and easiest to use form factors available in the market today.

IAS Routers are small in size but not in capabilities. Each variant of the IAS Router is a single device, which converges the functionality typically provided by three or more commercial devices. The IAS Router is the "Swiss army knife" IP networking and security solution for even the most demanding users who need to access classified Government and Military networks while in mobile or dynamic operating environments.



IAS Router's Patented (Patent No. 8,832,425 B2, US 9,282,105 B1 and US 9,485,277 B2) WAN technology management flexibility provides Communicators:

- Support for whatever WAN technology, one or more Ethernet, 3G/4G Cellular and Wi-Fi client the user has available to them at that moment and location
- Support for the most robust commercially available IPSec VPN mode of operation (the National Security Agency's Suite B cryptography based IPMEIR) while also offering SSL VPN capabilities that are interoperable with most COTS vendors VPN appliances
- Support for enterprise-grade advanced routing capabilities normally only found in pricey and difficult to use commercial offerings
- Simple to use web based graphical user interface that even non-technical users will feel comfortable configuring and operating

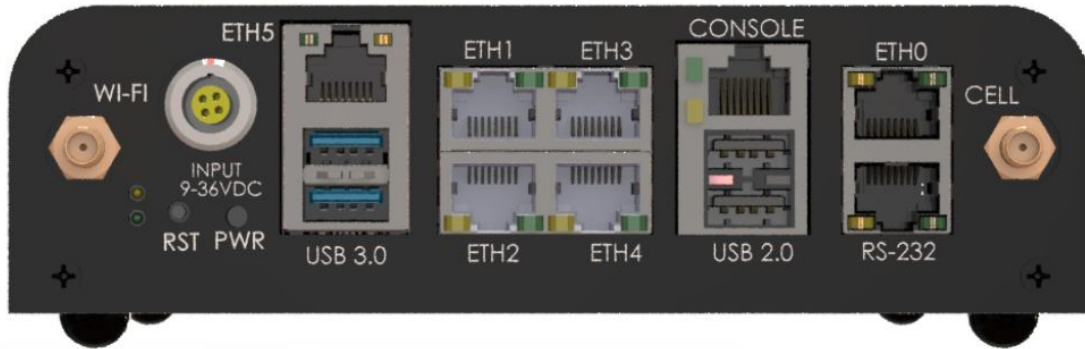
Certifications

- NSA Commercial Solutions for Classified
- FIPS-140-2 Level 2 Validated
- NIAP Common Criteria Certified

Applications

- Executive Leadership Communications
- Emergency Response Teams
- Forward Operating Bases
- HUMINT Collection Teams

The family of IAS Routers cover a wide range of sizes, port densities, performance levels, and levels of environmental robustness. We encourage you to visit our website for additional information or contact an IAS representative.



Physical

L x W x H (Inches)	9.0 x 6.5 x 1.8
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Environmental

Operating Temperature	-20°C ~ +70°C
Storage Temperature	-40°C ~ +85°C
Operating Humidity	5% ~ 95%

WAN Technology

10/100/1000 Ethernet	6
PPPoE	Yes
802.11 a/b/g/n/ac client and/or AP	Yes
3G/4G cellular (internal or USB)	Optional
RS232	Yes

VPN Technology

IPSec	Yes
NSA Suite B, IPSec (IPMEIR) VPN	Yes
Suite B IPSec Performance	>250 Mbps
SSL VPN (OpenVPN Interoperable)	Yes
Dynamic Mode Virtual Private Network (DMVPN)	Yes
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Security

Deep Packet Inspection	Yes
Advanced Firewall Functionality	Yes
Intrusion Detection/Intrusion Protection	Yes

Certifications

NSA Commercial Solutions for Classified Component List listed	Yes
FIPS-140-2	Yes
NIAP Common Criteria	Yes

Routing Protocols

IP v4 and IP v6	Yes
DHCP Client and Server	Yes
Network Address Translation (NAT)	Yes
PMAC Filtering	Yes
Open Shortest Path First (OSPF)	Yes
Protocol Independent Multicasting (PIM)	Yes
Next Hop Resolution Protocol (NHRP)	Yes
Generic Routing Encapsulation (GRE)	Yes
Virtual LANs (VLANs)	Yes
Quality of Service (QoS)	Yes
IGMP	Yes
NTP Server and Client	Yes

Virtualization Support

IAS Router OS able to host virtual machines	Supports 1 Virtual Machine
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Configuration

Web browser based GUI	Yes
SNMP v3	Yes
Syslog Server Reporting	Yes

Power

Wide Range Dirty DC Input	9 ~36 VDC
100-240 VAC 50/60 Hz Auto ranging, auto sensing PSU (included)	Yes
802.3af PoE port	1

Third Party Capabilities

Cisco IOS (ESR 5921 Optional)	Yes
Aruba (Virtual Mobile Controller Optional)	Yes