

INTERAS | 6534

MILITARY SWITCHING AND
ROUTING DEVICE

#PublicSafetyCommunication



aselsan

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MILITARY SWITCHING AND ROUTING DEVICE

INTERAS 6534 is a 19" cabinet-size military device, developed for performing L2 switching and L3 routing functions in an IPv4-based network in tactical field.

INTERAS 6534 has 22 Ethernet (10/100 Base Tx) ports and 2 IEEE 802.3af enabled Ethernet (10/100 Base Tx) EOW ports with POE functionality. Ethernet ports, EOW interfaces, serial port, USB, power input and On/Off switch are located on the front panel, while GNSS antenna connector, AC/DC fuses and grounding connection are located on the back panel. Routing/Switching ports of INTERAS 6534 can be connected to other INTERAS 6534s or standard routing devices.

For ease of use, the device can be configured by connecting an external USB Dongle accessory to the device. INTERAS 6534 has the ability to operate according to either the installed configuration in the device or the configuration in the USB Dongle accessory plugged into the USB connector, depending on the user's needs.

General Features

- Ability to connect to other INTERAS 6534s or COTS routing devices via its 24 Ethernet ports
- 2.4 Gbps L2 switching and L3 routing capacity
- IPv4 communication infrastructure support
- PoE support from EOW interfaces
- Coordinate information support from GPS interface
- Ease of management with SNMP
- Ability to configure via USB

Power

- Source : AC and DC, seamless automatic changeover
- Input : 200-240VAC 50Hz \pm 5%, 19-32 VDC

Mechanical

- Dimensions : 44 x 483 x 349 mm (Width x Length x Depth)
- Size : 2U, 19" cabinet structure
- Color : Green

Environmental

- Standard : MIL-STD-810G
- Operating Temperature : -20°C/+60°C
- Storage Temperature : -40°C/+70°C
- Humidity : 95%
- Max. Altitude : 3000m
- EMI/EMC : MIL-STD-461F
- Temperature Shock : 503.5/503.6 Procedure I-B
- Vibration : 514.7 Procedure-I Category-4

Accessories and Tools

- Network planning configuration software
- USB dongle
- EOW handheld terminal

Environmental Interfaces

- IEEE 802.3 : 24 X 10/100 base-Tx, auto-negotiation, auto MDI/MDIX
- USB : 1 X USB dongle interface
- GPS : 1 X GPS interface

Port Configuration and Protocols

- Switching : Layer-2 switching function
- DHCP server : Function of assigning IP addresses to devices on ports from the created DHCP pool
- DHCP client : Function to obtain IP from DHCP servers
- NAT : (Native Address Translation) IP address conversion capability for devices connected to Ethernet ports
- Routing : Layer-3 routing functionality to other INTERAS 6534 or COTS products
- IGMP : Multicast traffic support
- SNMP : SNMP support as server or client
- OSPF : Standard OSPF protocol with other INTERAS 6534 or COTS products
- Port mirroring : Surveillance and control of the packets/traffic passing through INTERAS 6534 from the desired port
- ACL : Ability to create ACL (Access-List) in port-based Inbound/Outbound directions as a security protocol
- PRP (Parallel Redundancy Protocol) : Line redundancy support between INTERAS 6534 devices
- QoS (Quality of Service) : Ability to prioritize traffic passing through INTERAS 6534 according to user request
- Static routing : Port and IP based static routing capability
- VLAN : Function to group networks connected to the device with Layer-2 VLAN support

Remote Management

- SNMP v2, v3
- Web-based management
- RS232 serial console management
- Telnet

Maintenance

- BITE & loop tests : Yes

Specifications are subject to change without any notice. | All tolerances are within \pm 10%.

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