



Voyager SW10G

VoyagerSW10GG brings Cisco's ESS9300 high-bandwidth switch to the Voyager ecosystem.

With the benefits of Cisco IOS-XE, VoyagerSW10GG makes it easier to network high-bandwidth datacenter and cloud applications in remote and austere locations.



SECURE



PORTABLE



RUGGED

COMMUNICATE MORE, CARRY LESS

KLAS

Specifications

Physical

- 7.4" W x 6.3" L x 2" H (188 x 160 x 52 mm)
- 2.9 lb / 1.3 kg

Electrical Specifications

- 9-36 VDC input
- Power consumption: 35W typical

Temperature

- Operating: -40°C to 50°C (-40°F to 122°F)
- Storage: -40°C to 85°C (-40°F to 185°F)

Supported Cisco iOS XE Network Essential Features

- Layer 2:
 - IEEE 802.1Q VLAN trunking
 - 802.1W Spanning Tree Rapid Reconfiguration
 - 802.1ab Link Layer Discovery Protocol (LLDP)
 - 802.1s - Multiple Spanning Tree Protocol (MSTP) standard compliance
 - 802.1s VLAN Multiple Spanning Trees
 - 802.1Q tunneling
 - 802.3 standard
 - Unidirectional Link Detection (UDLD)
 - Cisco Discovery Protocol (CDP)
 - Unicast MAC filter
 - VLAN Trunk Protocol (VTP) v2 and v3
 - EtherChannel
 - Voice VLAN
 - Per-VLAN Spanning Tree Plus (PVST+)
 - Rapid STP (RSTP)
- Management
 - Web UI
 - MIB
 - SmartPort

- Simple Network Management Protocol (SNMP)
- Syslog
- Dynamic Host Configuration Protocol (DHCP) server
- Switched Port Analyzer (SPAN) session (1)
- Full Flexible NetFlow (FnF)
- Network Time Protocol (NTP)
- Battery backed RTC
- Security
 - Zeroization
 - Secure boot
 - Port security
 - IEEE 802.1X
 - DHCP snooping
 - Dynamic Address Resolution Protocol (ARP) inspection
 - IP Source Guard
 - Private VLAN
 - MAC authentication bypass
 - 802.1X multidomain authentication
 - Storm control - unicast, multicast, broadcast
 - Secure Copy (SCP)
 - Secure Shell (SSH)
 - SNMPv3
 - TACACS+
 - RADIUS server/client
 - MAC address notification
 - Bridge Protocol Data Unit (BPDU) guard
- Security
 - Ingress policing
 - Rate limit
 - Egress queuing/shaping
 - AutoQoS
- Security
 - IPv6 host support
 - HTTP over IPv6
 - SNMP over IPv6
- Multicast
 - IGMPv1, v2, v3 snooping
 - IGMP filtering
 - IGMP querier

Ports

- 10 x 10 Gbps SFP+ ports
- 1 x 1 Gbps management port
- 1 x Voyager Ignition Key (VIK) port
- 1 x SD card slot
- 1 x RJ-45 serial console port
- 1 x USB console port
- 1 x zeroize button

Compliance

- Designed to meet:
 - MIL-STD-810H
 - MIL-STD-461G
 - FCC Part 15 B
 - CE
 - RoHS
 - REACH

Key Features

- High-bandwidth (10x 10GbE) to process large data volumes
- Cisco IOS XE switching and security for highly secure voice, video, and data communications
- Traffic prioritization of mission-critical data flows
- Voyager Ignition Key (VIK) support for easy deployment and rapid declassification
- Built TrueTactical™ for reliable operation in extreme temperatures, shock, and vibration
- Scalable with simplicity and unified management using Cisco DNA Center

