

VOYAGER/SW26G

Take advantage of your tactical compute capability by providing high-speed access to your servers using VoyagerSW26G.

VoyagerSW26G, based on Cisco ESS 3300, connects PCs and VoIP phones to your network at 1Gbps, providing a ten-fold increase in performance.



KEY FEATURES

- Small form factor Cisco IOS switch in Voyager module format
- 24 x 1 Gigabit Ethernet switch ports, with 8 ports (G1/1/3 to G1/1/10) providing PoE+
- 2 x 10 Gigabit SFP+ uplink ports
- Layer 2 switching features including: IEEE 802.1, 802.3 standard, NTP, UDLD, CDP, LLDP, unicast MAC filter, VTPv2, VTPv3, EtherChannel, voice VLAN, PVST+, MSTP, and RSTP
- Cable-free internal construction for maximum reliability
- Low power consumption
- Zeroize function to erase any sensitive information on the device
- Voyager Ignition Key (VIK) support
- SD card support



PORTABLE



RUGGED



LOW POWER

Specifications



ORDERING INFORMATION

- Part No: KLAS-VOY-SW26G-RI

PHYSICAL SPECIFICATIONS

- 7.4" W x 6.3" L x 2" H
(188 mm x 160 mm x 52 mm)
- 3.6 lb / 1.63 kg

ELECTRICAL SPECIFICATIONS

- 9 – 36 VDC input for operation
- 44 – 57 VDC input for PoE+ must be provided by the Voyager chassis used, where:
 - Voyager 1 provides 10 W of PoE power (48 VDC), sufficient to power one Class 2 PoE phone at 6.25 W each
 - Voyager 2 provides 15 W of PoE power (48 VDC), sufficient to power two Class 2 PoE phones at 6.25 W each
 - Voyager 8 provides 100 W of PoE power (48 VDC), sufficient to power sixteen Class 2 PoE phones at 6.25 W each
- 24 W power consumption without PoE+
- Each PoE+ port is 802.3af and 802.3at capable and are managed via the CLI. Power is delivered in Mode A wiring configuration
- The dual SFP+ ports support 2.5 W modules and are hot swappable
- On-board battery backed RTC is provided when system power is down

CONSTRUCTION

- Aluminum chassis with integrated cooling for fan-less operation

OPERATING TEMPERATURE RANGE

- 32°C to 60°C (-25.6°F to 140°F)
w/ conduction cooling
- 32°C to 70°C (-25.6°F to 158°F)
w/ forced air cooling

STORAGE TEMPERATURE RANGE

- 40°C to 70°C (-40°F to 158°F)

PORTS

- 24 x 1 Gb Ethernet ports
- 2 x 10 Gb SFP+ uplink ports
- 1 x console management port
- 1 x Voyager Ignition Key (VIK) port
- 1 x Zeroize button
- 1 x SD card

SWITCH FEATURES

- Layer 2 features:
 - MAC Addresses = 8K
 - VLAN IDs = 256
 - IGMP Groups = 1k
 - Switched Virtual Interfaces (SVIs) = 8
 - No. of STP instances = 256
 - ACL (PACL, VACL, RACL) = 3K rules total
ACLs & QoS

Layer 3 features:

- IPv4 unicast routes (L2 connected & indirectly connected) = 7680
- IPv6 unicast routes (IPv6 only) = 1024
- QoS access control entries (ACEs) = 3K
rules total ACLs & QoS
- Active Class-maps (ingress) = 26
- Active Class-maps (egress) = 8
- Wired queues/port = 8 queues
- Buffer/ASIC = 12 Mb/1.5 MB

COMPLIANCE

- NIAP Validation Report
CCEVS-VR-VID11394-2023

Designed to meet:

- MIL-STD-810G
- MIL-STD-461 (RE102, CE102)
- FCC CFR 47 Part 15 Subpart B Class A
- IEC 61000-4-2 & IEC 61000-4-5
- RoHS Directive

