



# 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.



Portable



Rugged



Low Power

COMMUNICATE MORE, CARRY LESS

**KLAS**

# Specifications

## Physical

- 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

## Operating Temperature

- -32°C to 60°C w/ conduction cooling
- -32°C to 70°C w/ forced air cooling

## Storage Temperature

- -40°C to 70°C

## Construction

- Aluminum chassis with integrated cooling for fanless operation

## Switch

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

## 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

## Compliance

- Compatible with:
  - MII-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

# Key Features

- Small form factor Cisco IOS switch in Voyager module format
- 24 x 1 Gigabit Ethernet switch ports, with 8 ports (Gi1/3 to Gi1/10) 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, 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

