

VOYAGER/SW24

VoyagerSW24 increases the user port density on the Voyager system while maintaining the same small size and weight of a standard Voyager module.

VoyagerSW24 ruggedizes Cisco's ESS 2020 switch while adding additional power features to deliver a highly capable, industry standard product. The feature set includes 22 Fast Ethernet switch ports, 2 Gigabit uplink ports, and support for 8 IEEE 802.3at Power over Ethernet (PoE) ports.



KEY FEATURES

- Small form factor Cisco IOS switch
- 22 Fast Ethernet switch ports, 8 of which have PoE
- 2 Gigabit uplink ports
- Voyager form factor
- Cable-free internal construction for maximum reliability



Portable



Rugged



Low Power

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KLAS

VOYAGER/SW24

Specifications



PHYSICAL SPECIFICATIONS

- 7.4" W x 6.3" L x 2" H (188 x 160 x 52mm)
- 2.5 lbs / 1.2kg

ELECTRICAL SPECIFICATIONS

- 10-18 VDC Input for operation
- 48 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
- 15 W power consumption without PoE. Each PoE port requires additional 8-15 W depending on powered device

CONSTRUCTION

- Aluminum chassis with integrated cooling for fanless operation
- Cisco ESS 2020 base and expansion card
- Klas power and PoE supply

OPERATING TEMPERATURE RANGE

- -25°C to 60°C w/ conduction cooling
- -25°C to 70°C w/ forced air cooling

STORAGE TEMPERATURE RANGE

- -40°C to 85°C

PORTS

- 22 x 10/100 BaseT Fast Ethernet switch ports, 8 of which are PoE 802.3at supporting 25 W per port
- 2 x 10/100/1000 BaseT Gigabit uplink port
- 1 x RJ-45 console port

CISCO ESS 2020 FEATURES

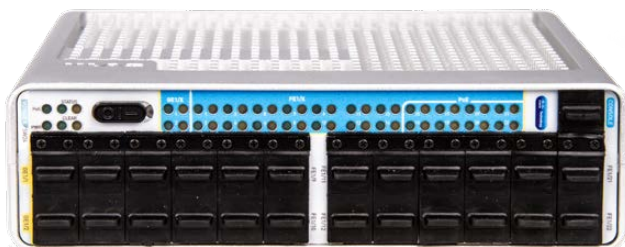
- LAN Lite and LAN Base Layer 2 switching feature sets
- QoS, DHCP, 802.1x, port security
- SCP, SSH, SNMP v3, TACACS+, RADIUS
- Web Device Manager, SmartPort, Cisco Prime LMS
- Multicast IGMP, IGMP querier
- STP, RSTP, MSTP
- IPv4 static routing, IPv6 host capabilities

COMPLIANCE

- Mil-STD 810G
- IEC 60529
- Sealed unit with dust caps for extra protection

CERTIFICATION & APPROVALS

- Cisco IOS is JITC approved
- Common Criteria validation is process
- DSS-compliant sanitization feature



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