

# VOYAGER/SW14

VoyagerSW14 is a managed Ethernet switch with 12 Fast Ethernet ports (4 PoE enabled), 2 GigE ports and a removable storage option to hold configuration data. It is configurable using a Cisco IOS-style CLI.

VoyagerSW14 integrates seamlessly with the Cisco 5915 ESR in VoyagerESR and supports critical Cisco VoIP switching features such as VLAN trunking and CDP.

## Cisco Discovery Protocol

Cisco Discovery Protocol provides easy integration with a Cisco VoIP network with support for VLAN and QoS features. In addition troubleshooting is made easy using CDP commands on VoyagerSW14.



## KEY FEATURES

- 14-port Ethernet switch in a rugged milled aluminum enclosure
- Fanless design with dustcaps for increased ingress protection and improved reliability
- Managed switch support including VLAN trunking, CDP, STP, SNMP
- Removable storage to support eToken-like reconfiguration



Portable



Rugged



Low Power

### EMEA:

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# KLAS

# VOYAGER/SW14

## Specifications



### PHYSICAL SPECIFICATIONS

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

### 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
- Maximum 7 W power consumption without PoE; each PoE port requires additional 8-15W depending on powered device

### CONSTRUCTION

- Aluminum chassis with integrated cooling for fan-less operation

### OPERATING TEMPERATURE RANGE

- -25°C to 60°C with conduction cooling
- -25°C to 70°C with forced air cooling

### STORAGE TEMPERATURE RANGE

- -10°C to 85°C

### PORTS

- 12-port 10/100 BaseT switch (4 with PoE)
- 2 x 10/100/1000 BaseT Ethernet uplink ports
- 1x RJ-45 serial console
- 1x Voyager Ignition Key (VIK) storage interface

### SWITCH FEATURES

- Auto-sensing 10/100 BaseT Fast Ethernet
- Cisco Discovery Protocol VLAN support
- IEEE 802.1Q port VLAN
- IEEE 802.1P CoS/QoS
- Multiple Spanning Tree Protocol (IEEE 802.1Q)
- Voice & Data VLAN
- IEEE 802.1x MAC authentication
- Diffserv QoS

### REMOVABLE STORAGE

- Voyager Ignition Key (VIK) support
- eToken-like functionality which supports configuration from VIK
- Easy reconfiguration of device for different enclaves by replacing VIK

### COMPLIANCE

- MIL-STD 810G
- IEC 60529
- Sealed unit with dust caps for improved ingress protection
- MIL-STD-461F



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