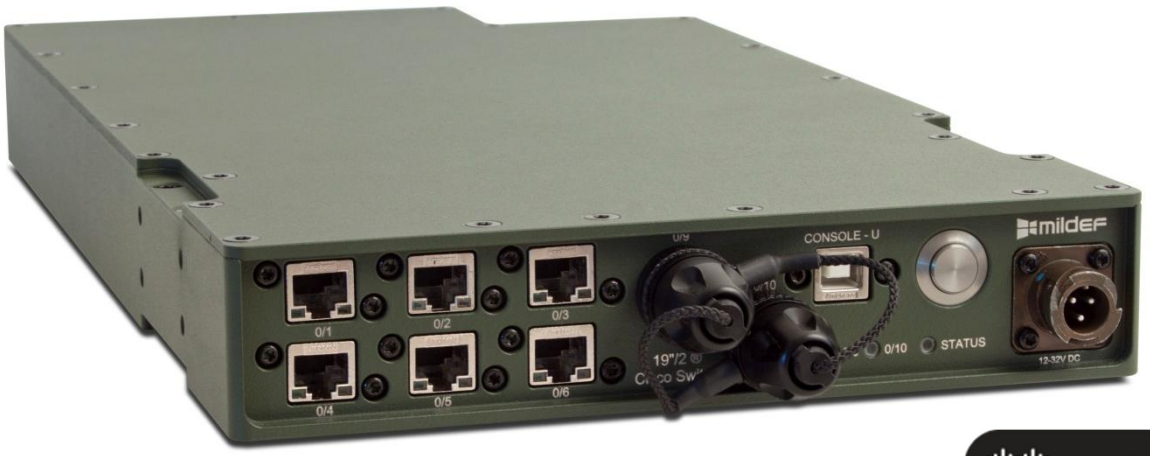
19”/2® 10-p Cisco Switch
ESW503



cisco Technology

The 19”/2® 10-p Cisco Switch is a intelligent fully managed Cisco Catalyst switch with layer 3 and PoE functionality, in a compact and rugged design. It is based on the Cisco Catalyst 3560-C switch series.

Mounting
All 19”/2 units can be mounted together in several different ways:

- One 19”/2 unit can be mounted in a 19” rack
- Two 19”/2 units can be mounted together in a 19” rack
- Two or more devices can also be stacked on top of each other

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19”/2® 10-p Cisco Switch ESW503

Technical Specification	
Description	Layer 3 Switch based on the Cisco 3560-CG Switch
Cisco IOS support	IP Base
Backbone Speed	10 Gbps
Forwarding Rate (64-Byte packet)	3.8 mpps
Bridging	802.1q VLAN, 802.1d STP
Routing support	Yes
QoS/CoS support	Yes
Voice	Voice VLAN
Control	Telnet, SSH, RMON, TFTP, PAgP, LCAP, DHCP, NTP, IGMP, SNMP, RADIUS/TACACS+ etc.
Security	Port Security, MACsec, DAI, Port-Base ACL, 802.1AE, 802.1X, etc
Interface (front)	6 x LAN RJ45 (10/100/1000 Mbps) 2 x LAN Fiber Tyco PRO BEAM® mini, Single Mode (1000Mbps, 1310 nm) 1 x Console USB 1 x System button 1 x DC in, 12-32V
Interface (back)	2 x LAN RJ45 (10/100/1000 Mbps) 1 x Service port 1 x Console serial
Power Consumption	< 100 W (10-32 VDC) < 180 W (18-32VDC)
Transient power protection	Designed to meet MIL-STD-1275D
Case	Aluminium
Dimensions	220x400x44 mm (W x D x H)
Weight	< 3,5kg
Certification	Designed to meet IP54, MIL-STD-810F, MIL-STD-461F and MIL-STD-1275D
Other	No fans

Designed to meet:

MIL-STD-810F	Operating	Storage
Altitude Method 500.4, *(procedure II,III)*	4572 m (15000 ft)	Rapid decompression 12180 m (40000 ft)
Humidity Method 507.4	Five 48 h test cycles	-
Shock Method 516.5, *(procedure I, IV)*	40 G, 11 ms (Terminal-peak saw tooth shock pulse)	122 cm (26 drops)*
Salt fog Method 509.4, *(Procedure I)*	-	Salt concentration of 5 % +-1 % (48 h wet +48 h dry/cycle)
Temperature Method 501.4 & Method 502.4, *(procedure I, II)*	-20 °C to 55 °C** -40 °C to 55 °C** (optional)	-40 °C to 70 °C
Temperature shock Method 503.4 (procedure I)	TBD	-
Vibration Method 514.5		
- Category 2	-	√
- Category 14	√	-
- Category 20 a & b	√	-

** Only with optional Peli Case*
*** +45 °C (with full PoE load)*
+55 °C (up to 4 ports with PoE or a maximum of 60W PoE load)

Designed to meet:

MIL-STD-461F	Limitation	Threshold
EMI radiated Method RE102	10 kHz to 18 GHz	Navy Mobile & Army
EMI radiated Method RS103	2 MHz to 1 GHz	Army
EMI conducted Method CE102	10 kHz to 10 Mhz	Basic Curve
EMI conducted Method CS101	30Hz to 150 kHz	Curve #1
EMI conducted Method CS114	10 kHz to 200 MHz	Army
EMI conducted Method CS115	Tested according to standard	Army
EMI conducted Method CS116	10 kHz to 100 MHz	Army

ISO 9001: Certificate No. FM68727
ISO 14001: Certificate No. EMS554313

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