

Netspyder CA is a light weight fanless conduction-cooled high- performance ruggedized network switch with 26 Gigabit Ethernet interfaces (24x 1000BaseT, 2x 10GBase-SR) powered by a Cisco® ESS3300 Embedded Series Switch designed for use in harsh environments, and it is ideal for military, aerospace, and aircrafts.

FEATURES

- **Layer 2/3 switching:** IEEE 802.1, 802.3 standards, NTP, UDLD, CDP, LLDP, unicast MAC filter, VTPv2, VTPv3, EtherChannel, voice VLAN, PVST+, MSTP, and RSTP
- **Multicast:** IGMPv1, v2, v3 snooping, IGMP filtering, IGMP querier Management: Web UI, MIB, SmartPort, SNMP, syslog, DHCP server, SPAN session (1), Full Flexible Netflow (FnF)
- **Security:** Port security, 802.1x, Dynamic Host Configuration Protocol (DHCP) snooping, dynamic ARP inspection, IP source guard, guest VLAN.
 - MAC authentication bypass, 802.1x multidomain authentication, storm control - unicast, multicast, broadcast, SCP, SSH, SNMPv3, TACACS+, RADIUS server/client, MAC address notification, BPDU guard, MACsec-128.
- **IP routing protocols:** OSPF (v4 and v6), RIP (V1 and V2), ISIS (v4 and v6), EIGRP (v4 and v6) Virtualization Vrf-lite
- **Security:** MACsec-256
- **IP Multicast:** PIM sparse mode (PIM-SM), PIM dense mode (PIM-DM) and PIM Sparse dense mode



Technical Specifications

8 Port Unit Specifications

- 8 x 1Gb Copper Ethernet (Supports POE*)
- 2 x 1 Gb SFP (Build Option**)
- 2 x 10Gb SFP+ (Build Option)
- 1 x USB/RS232 Console
- Ethernet Indication LED's
- **Dimensions (WxHxD) in mm**
 - 124 x 87 x 204 (WITHOUT POE & SFP)
 - 124 x 87 x 267 (WITH POE WITHOUT SFP)
 - 175 x 87 x 204 (WITHOUT POE WITH SFP)
- **Weight:** < 2.2 kgs
- **Voltage:** 28 VDC Nominal (18-32 VDC)
- **Power:** 35-Watt (200-Watt typ with POE configuration dependent)
- **Operating Temperature:** -40° to +71° Celsius
- **Environmental:** MIL- STD-810H
- **EMI:** MIL-STD-461G
- **Power:** MIL-STD-704F and MIL-STD-1275E

Note:

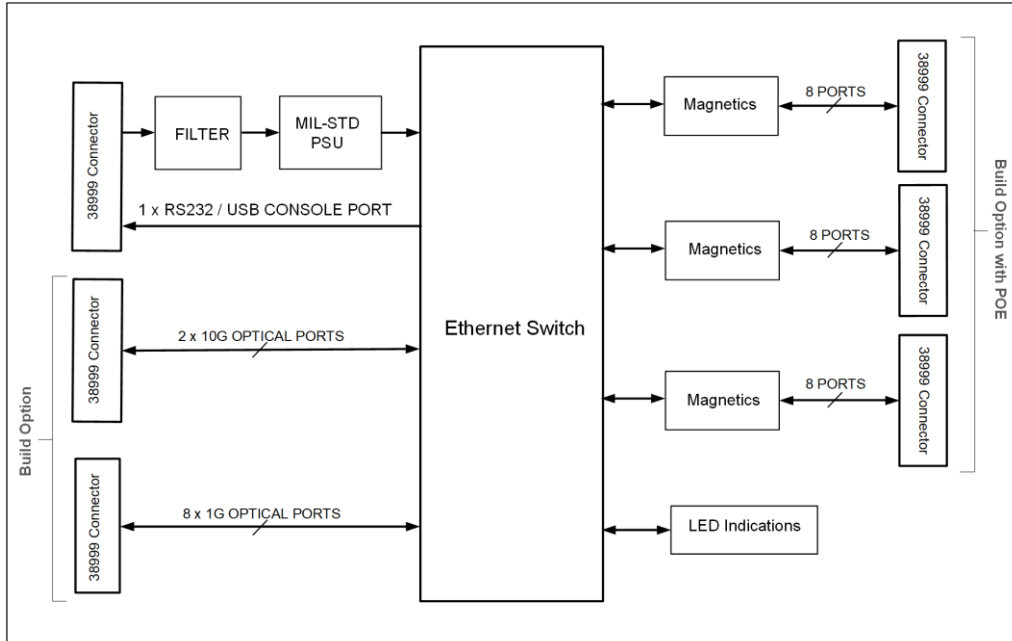
- POE is build option.
- ** Out of 8 x 1Gb Copper Ethernet ports, 2 ports are combo with 1Gb SFP. Either 1Gb Copper or 1Gb SFP can be used at a time.

24 Port Unit Specifications

- 24 x 1Gb Copper Ethernet (Supports POE*)
- 8 x 1 Gb SFP (Build Option**)
- 2 x 10Gb SFP+ (Build Option)
- 1 x USB/RS232 Console
- Ethernet Indication LED's
- **Dimensions (WxHxD) in mm**
 - 124 x 142 x 204 (WITHOUT POE & SFP)
 - 175 x 142 x 267 (WITH POE & SFP)
- **Weight:** < 3.3kgs
- **Voltage:** 28 VDC Nominal (18-32 VDC)
- **Power:** 45-Watt typ (540 Watt with POE configuration dependent)
- **Operating Temperature:** -40° to +71° Celsius
- **Environmental:** MIL- STD-810H
- **EMI:** MIL-STD-461G
- **Power:** MIL-STD-704F and MIL-STD-1275E

Note:

- POE is build option.
- ** Out of 24 x 1Gb Copper Ethernet ports, 8 ports are combo with 1Gb SFP. Either 1Gb Copper or 1Gb SFP can be used at a time.



Note: Ethernet switch configurable as per requirement