AVR-5726SW   L2 Rugged LAN Switch

Features

Layer 2 Managed Gigabit Ethernet Switch

12 Ports of 1GBase-T Ethernet

Operation Temperature: -40^{0}C ~ 75^{0}C

Conduction cooled, sealed, IP67

Micro D38999 connectors

MIL-STD-810, MIL-STD-461, MIL-STD-1275/704

The Rugged LAN Switch is a 12 port L2 managed switch which supports VLAN, port mirroring and IP multicast. The switch is fully compliant to MIL-STD-810G for shock and vibration, MIL-STD-461F for Electromagnetic compatibility, MIL-STD-1275/704 for power and is designed to work in harsh environments with wide temperature ranges and salty environments.

Specifications

Communications	IEEE standards	IEEE 802.3, 802.3u, 802.3x, 802.1D, 802.1w,802.1p, 802.1Q, 802.1X,802.3ad,802.3az, 802.3ab
	LAN	10/100/1000Base-T auto negotiation
	Switch Properties	8K MAC table, 9216 bytes jumbo frames
Management Functions	VLAN	Port based VLAN, GVRP, Group size 256 (VLAN ID 1~4094)
	Redundancy	IEEE 802.1D-STP, IEEE 802.1w-RSTP, X-Ring Elite, with ultra high-speed recovery time less than 20ms
	Security and authentication	Static, Dynamic, MAC address filtering ; 802.1x (Port-Based, MD5/TLS/TTLS/PEAPEncryption)
	Traffic/Storm Control	Broadcast, Multicast, Unknown unicast QoS, CoS, Rate limiting, Link aggregation, port trunking
	Port Mirroring	Per port, Multi-source port
	IP Multicast	IGMP Snooping v1/v2/v3, MLD Snooping, IGMP Immediate leave
	Configuration Management	DHCP Client, SNMP v1/v2c/v3, WEB, Standard MIB, Private MIB, TFTP, HTTP, Dual Image, SNTP client, Syslog, IPV6, LLDP, Modbus/TCP
Power Supply	12-36VDC Input, nominal 24VDC, nominal 10W, MIL-STD-1275/704 compliant	

		Operating	Non-operating
Environment	Temperature	-40 ~ 65° C	-40 ~ 85° C
	IP Rating	IP67	
	Environmental	MIL-STD-810G	
	EMI/EMC	MIL-STD-461F	
Physical Characteristics	Dimensions (W x H x D)	180 mm x 75 mm x 140 mm not including connectors	
	Weight	4 Kg	

Ordering Information

AVR-5726-C1	Rugged layer 2 managed LAN Switch with 12 ports 1GBase-T