

República Dominicana
Procuraduría General de la República
ESPECIFICACIONES TÉCNICAS DE BIENES Y SERVICIOS TECNOLÓGICOS

INFORMACIÓN GENERAL

Bien o Servicio a adquirir	Switch POE Administrable
Fecha de Vigencia	2019
Referencia	

48-Port Administrable Ethernet Switch POE

Specifications		Cumple
Ports	48 RJ-45 connectors for 10BASE-T and 100BASE-TX, 2 RJ-45 connectors for 10BASE-T/100BASE-TX/1000BASE-T with 2 shared SFP slots Console port Auto MDI/MDI-X Auto negotiate/Manual setting	
Standards	802.3i 10BASE-T Ethernet, 802.3u 100BASE-TX Fast Ethernet, 802.3ab 1000BASE-T Gigabit Ethernet, 802.3z Gigabit Ethernet, 802.3x Flow Control, 802.3af PoE	
Cabling Type	UTP CAT 5/5e/ 6 10BASE-T/100BASE-TX, UTP CAT 5e / 6 or better for 1000BASE-T	
LEDs	10/100 Link/Act, PoE, 2 Gig Link/Act, Speed, System	
Performance		
Switching Capacity	8.8 Gbps non-blocking	
MAC table size	8k	
Number of VLANs	128 active VLANs	
Management		
Web User Interface	Built-in Web UI for easy browser-based configuration (HTTP/HTTPS)	
SNMP	SNMP version 1, 2c with support for traps	
SNMP MIBs	RFC1213 MIB-2, RFC2863 Interface MIB, RFC2665 Ether-like MIB, RFC1493 Bridge MIB, RFC2674 Extended Bridge MIB (P-bridge, Q-bridge), RFC2819 RMON MIB (groups 1,2,3,9 only), RFC2737 Entity MIB, RFC 2618 RADIUS Client MIB Private PoE MIB RFC 1215 Traps	
Firmware	TFTP upgrade	

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Upgrade		
Port Mirroring	Traffic on a port can be mirrored to another port for analysis with a network analyzer or RMON probe	
Other Management	Secure Socket Layer (SSL), SSL security for Web UI, Switch audit log, DHCP client, BootP, SNTP, Xmodem upgrade Cable diagnostics, PING, Traceroute	
Security		
IEEE 802.1x	802.1X - RADIUS Authentication. MD5 Encryption	
Access control	ACLs - Drop or rate limit based on: Source and destination MAC-based, Source and destination IP address, Protocol, ToS/DSCP, Port, VLAN, Ethertype	
Availability		
Link Aggregation	Link Aggregation using IEEE 802.3ad LACP Up to 8 ports in up to 4 groups	
Storm Control	Broadcast and Multicast	
Spanning Tree	IEEE 802.1d Spanning Tree, IEEE 802.1w Rapid Spanning Tree, Fast Linkover	
IGMP Snooping	IGMP (v1/v2) snooping provides for fast client joins and leaves of multicast streams and limits bandwidth-intensive video traffic to only the requestors	
Layer 2		
VLAN	Port-based and 802.1q based VLANs, Management VLAN	
HOL Blocking	Head of line blocking prevention	
Environmental		
Dimensions	16.93" x 1.75" x 13.78"	
WxHxD	(430 x 45 x 350 mm)	
Unit Weight	9.04 lb (4.1 kg)	

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Power	Internal switching power	
Certification	FCC Part15 Class A, CE Class A, UL, cUL, CE mark, CB	
Storage Humidity	10 to 95%	
Warranty	3 years	