Smart Managed Switches

Gigabit Ethernet PoE+ Switches (24, 16 and 8-ports)

24-port switch

16-port switch

8-port switch

Managed Switches from Lantronix supply power and data to up to 24, 16, or 8 IP cameras, with a switching capacity of 52Gbps, 36Gbps, or 20Gbps, respectively. The switches provide the 10/100/1000Base-T copper ports with IEEE 802.3at PoE+ capability, and two additional 100/1000 dual-speed SFP slots. The embedded Device Management System allows for establishment and documentation of a baseline deployment, as well as automatic discovery and remote configuration of your IP cameras.

Features

▼ IPv6 Access Management

▼ Support Jumbo Frame up to 9K bytes

▼ Authentication – RADIUS, TACACS+

▼ DHCP Relay, DHCP Snooping, DHCP Server

▼ L2/L3/L4 ACLs Support MAC ACL, IP standard/extended ACL

▼ LLDP (Link Layer Discovery Protocol)

▼ IEEE 802.3az Energy Efficiency

▼ IP Source Guard, Port Security

▼ Syslog

PoE Features

▼ Compliant with IEEE 802.3at PoE+

▼ Compliant with IEEE 802.3af PoE

▼ PoE configuration

▼ Auto Power Reset (APR)

Software Features

▼ Management: Web Management, SNMP V1/V2c/V3, Telnet, CLI

▼ Port Trunk: Supports IEEE 802.3ad port trunk with link aggregation control protocol (LACP) and static trunk

▼ Multicast: Support IGMP Snooping V1/V2, MVR, MLD Snooping V1/V2

▼ Quality of Service: Supports 8 hardware queues. Strict priority and WRR, Ingress policer, Egress shaping and per-port rate limiting

▼ Spanning Tree: Supports IEEE 802.1s MSTP, IEEE 802.1w RSTP and IEEE 802.1d STP Compliant

▼ VLAN: Port Based VLAN, IEEE 802.1Q tag-based, up to 4k VLAN entries, QinQ, MAC based VLAN, Private VLAN

▼ Firmware Update through TFTP and HTTP

▼ Device Management System (DMS)
  • Graphical Monitoring: Topology view, Floor view, Map View
  • Grouping, Batch update
  • Find my switch
  • Traffic Monitoring

Smart Managed Switches

SPECIFICATION

Standards		IEEE 802.3
		IEEE 802.3u
		IEEE 802.3z
		IEEE 802.3ae
		IEEE 802.3x
		IEEE 802.3ad
		IEEE 802.1D
		IEEE 802.1w
		IEEE 802.1s
		IEEE 802.1Q
		IEEE 802.1p
		IEEE 802.1ad
		IEEE 802.1AB
		IEEE 802.3af
		IEEE 802.3at
Connectors		(8, 16 or 24) 10/100/1000 RJ-45
		(2) 100/1000 SFP
Protocols		CSMA/CD
Technology		Store-and-Forward switching architecture
MAC Address		8K MAC address table
Backplane:	**24 Port**	52 Gbps
	16 Port	36 Gbps
	8 Port	20 Gbps
Dimensions:	**24 Port**	17.4 x 8.3 x 1.73 in (442 x 211 x 44 mm)
	16 Port	17.4 x 8.3 x 1.73 in (442 x 211 x 44 mm)
	8 Port	8.66 x 9.53 x 1.73 in (220 x 242 x 44 mm)
Power Input		100-240VAC
Power Consumption:	**24 Port**	438 Watts (full load with PoE)
	16 Port	296 Watts (full load with PoE)
	8 Port	147 Watts (full load with PoE)
Power over Ethernet:	**24 Port**	Max PoE budget 370 Watts
		30 Watts for (12) ports simultaneously
		15.4 Watts for (24) ports simultaneously
	16 Port	Max PoE budget 250 Watts
		30 Watts for (8) ports simultaneously
		15.4 Watts for (16) ports simultaneously
	8 Port	Max PoE budget 130 Watts
		30 Watts for (4) ports simultaneously
		15.4 Watts for (8) ports simultaneously
Surge Protection		6KV
Environment		Operating: 0°C to +50°C
		Humidity: 10% to 90% (non-condensing)
Weight:	**24 Port**	6.6 lbs. (3.0 kg)
	16 Port	6.6 lbs. (3.0 kg)
	8 Port	4.4 lbs. (2.0 kg)
Compliance		FCC Class A, CE
		Safety: IEC60950, UL Listed
Warranty		5 years, direct to manufacturing company

ORDERING INFORMATION*

37996-101	24 10/100/1000Base-T Ports, 2 100/1000Base-X SFP Slots
37995-101	16 10/100/1000Base-T Ports, 2 100/1000Base-X SFP Slots
37994-101	8 10/100/1000Base-T Ports, 2 100/1000Base-X SFP Slots

* The power cord supplied with the switch is for use in North America only.

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