12-port/8 PoE+ Gigabit managed switch

Cat. No: 0 334 90

1. USE

The XMS-1208P is a 12-port/8 PoE switch for mounting on 19" uprights (mounting kit supplied) or resting on a desk.
It has a switching capacity of 24 Gbit/s, Layer 3 static routing, 802.1Q VLAN support with trunking and QoS prioritisation. It is the ideal solution for network installations and small businesses. The 8 Gigabit 802.3af/at PoE+ ports and the 130 W budget powers and provides simple management for security cameras, VoIP telephones and other devices powered via PoE. The two Gigabit Ethernet ports or the two SFP ports can be used for non-PoE devices or for an uplink to other switches.
The PoE managed switches also feature auto-recovery of ports and power scheduling to ensure system reliability and availability. Auto-recovery of ports allows the switch to turn back on PoE devices that are no longer responding to ensure system reliability and availability. Power scheduling allows switch PoE ports to be enabled or disabled according to a schedule.
   • Connect up to eight devices using PoE or PoE+ (maximum PoE accumulated output 130 W)
   • Improve the performance of your network thanks to Layer 3 static routing

2. DIMENSIONS (mm)

Description	Width	Depth	Height
12-port/8 PoE switch	240	220	1U

3. CHARACTERISTICS

   • 8 Gigabit 802.3af/at PoE/PoE+ ports
   • 2 SFP uplink Gigabit ports
   • 2 Ethernet uplink Gigabit ports
   • PoE power budget of 130 W
   • Layer 3 static routing
   • VLAN 802.1Q support (with trunking) and QoS prioritisation
   • Switching capacity of 24 Gbit/s
   • Simple management of devices powered via PoE
   • User can choose to have green or blue LEDs on the front
   • Silent running, no fan
   • Mount on 19" rack (with supplied accessories) or shelf (rubber feet supplied)

4. TECHNICAL CHARACTERISTICS

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.1D, IEEE 802.3x
Interface	RJ45 • 10 Base-T • 100 Base-TX • 1000 Base-T Gigabit fibre uplinks on SFP ports Straight or cross Ethernet cable detection
Overvoltage protection	Overvoltage protection for RJ45 ports tested according to: EN61000-4-5 (for a RJ45 port, overvoltage of 6 kV)
LED	Per unit: system, Link/Act/Speed/PoE Per port: Link/Activity
Power supply	Internal switching, AC input 100–240 V, 50–60 Hz
PoE power budget	130 W maximum
Maximum consumed power	170 W
VLAN	802.1Q 4094 VIDs max. Supports 1 management VLAN
Quality of Service (QoS)	4 queues per port Queue management: Strict priority, Weighted Round Robin (WRR) CoS based on DCSP, 802.1P and queues per port Bandwidth control per port
Network data transfer rate	Ethernet: 10 Mbit/s (half-duplex) Ethernet: 20 Mbit/s (full-duplex) Fast Ethernet: 100 Mbit/s (half-duplex) Fast Ethernet: 200 Mbit/s (full-duplex) Gigabit Ethernet: 1000 Mbit/s (half-duplex) Gigabit Ethernet: 2000 Mbit/s (full-duplex)
Layer 3	Layer 3 static routing
Operating temperature	0°C to 40°C
Operating humidity	10% to 90% (non-condensing)
Weight in kg	2.1
Certifications	FCC, IC, CE-EMC, CE-LVD and RoHS