

Data Sheet

10-Port GbE Desktop Switch PoE+



Gigabit Ethernet ports (IEEE 802.3z/ab)

All ports (fiber as SFP slot/ TP) designed in max. Gigabit Ethernet



PoE+ PSE Local Ports (IEEE 802.3at)

PoE/PoE+ PSE Local Ports with up to 30W per port, PoE budget 120W



Fanless design

No noise emission for workstation use



Plug & Play

Fast commissioning, DIP switches for various modes

Technical Specifications

Switch

Type	Gigabit Ethernet Desktop Switch, PoE+ PSE IEEE 802.3 compliant
Performance	Store-and-forward
Switching Capacity	20 Gbps
Packet Forwarding Rate	14 Mpps
Packet Buffer	1 Mbit
MAC addresses	4 k, automatic learning and aging

Twisted-Pair Ports

Number	9 (8 ports support PoE+)
Type	Gigabit Ethernet, Triple Speed 10/100/1000Base-T
Connector	RJ-45 port, shielded
Cable type	Twisted-Pair cable, Category 5e, impedance 100 Ohm, length max. 100 m
Flow Control	Pause Frames (IEEE 802.3x)
Pin out	Auto MDI/MDI-X, Auto Polarity
Power-over-Ethernet	Power Sourcing Equipment (PSE) IEEE 802.3af/at Class 0-4, max. 15 W / 30 W
PoE Budget	120 W
PoE Lines	1/2 (+), 3/6 (-)

Fiber Port (SFP slot)

Number	1
Type	Gigabit Ethernet SFP slot, 1000Base-X support of SFP digital diagnostics function
Connector	LC (SFP transceiver, not included)
Flow Control	Pause Frames (IEEE 802.3x)

LED displays

Port LEDs	Link/activity, PoE status
Device LED	Power

Power Supply

External Power Adapter	AC/DC adapter with 100..240 VAC Input, 54 VDC output (included in the delivery)
Power Consumption	5 W (without PoE)

Environmental Conditions

Temperature	Operation	-10..+45 °C
	Storage	-40..+85 °C
Humidity	5..95%, non-condensing	

Mechanic

Dimensions (in mm)	200 x 102 x 27 (W x D x H)
Weight	Approx. 500 g

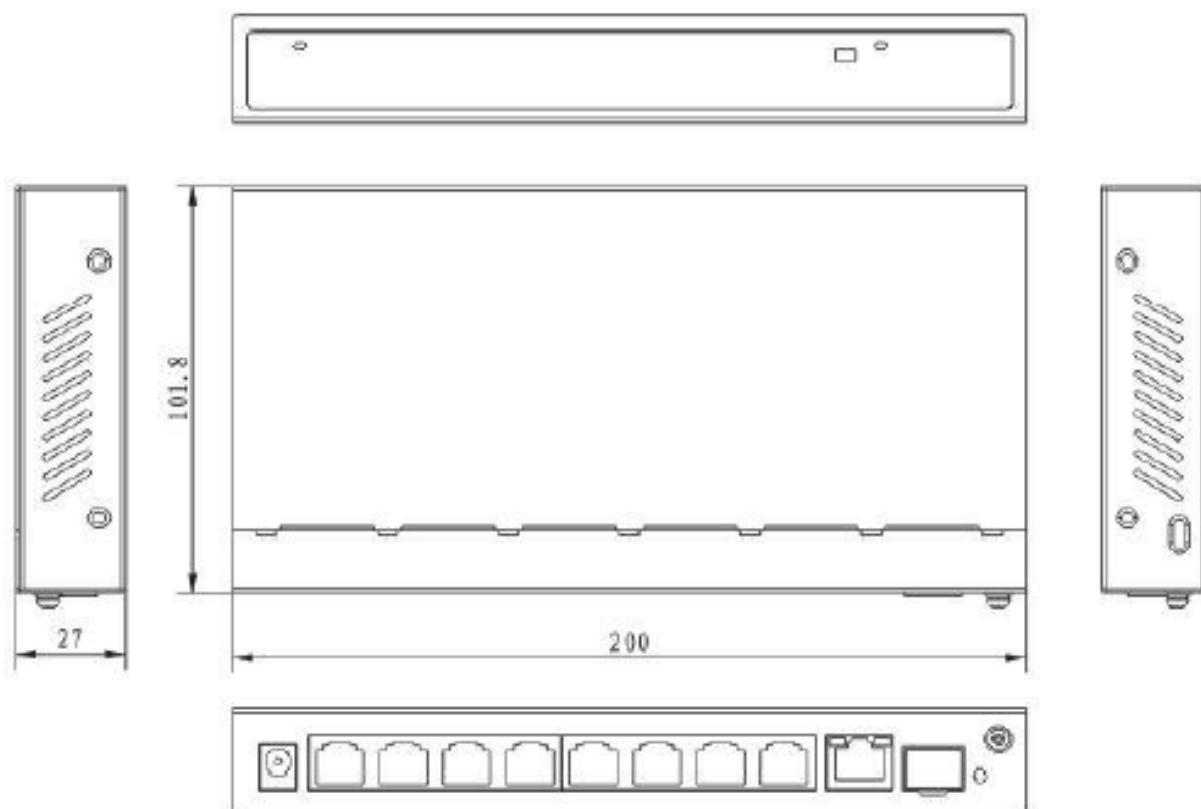
Mounting

Adapter	Wall mounting for Switch (included in delivery)
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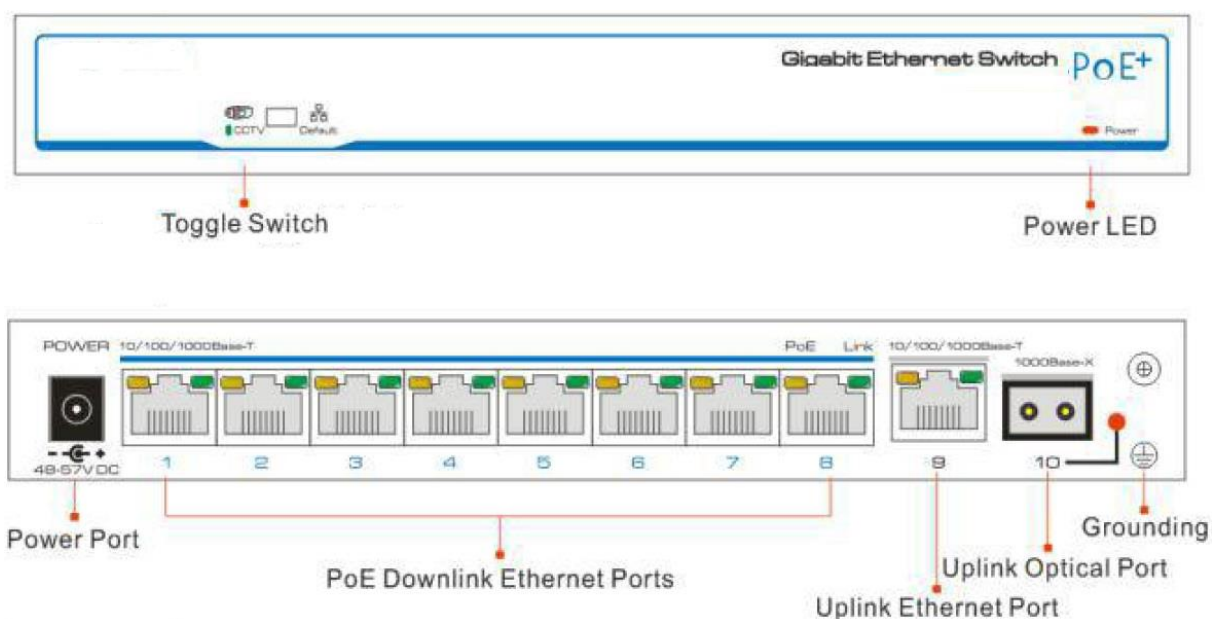
Standards

CE	2014/30/EU (EMC) 2014/35/EU (Low voltage) 2011/65/EU (RoHS)
Safety	EN 60950-1
Emitted interference	EN 55032:2015
Immunity	EN 55024
Surge Immunity	6 kV (IEC61000-4-5)
ESD Immunity	8 kV contact discharge, 15 kV air discharge (IEC 61000-4-2)
Ethernet	IEEE 802.3 IEEE 802.3af/at (PoE/PoE+) IEEE 802.3u (100Base-TX) IEEE802.3ab (1000Base-T) IEEE 802.3z (1000Base-X) IEEE 802.3x (flow control)

Dimensions [in mm]



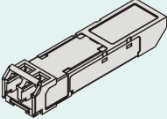
Interfaces



Order Information

	Description	Article No.:
	10-Port GbE Desktop Switch PoE+	
	10-Port GbE Desktop Switch PoE+ 1x 1000X SFP-Slot, 9x 10/100/1000T, therof 8x PoE+, ext. PS (110/230VAC)	MS453535P

Accessories

	Description	Article No.:
	SFP Transceiver (xWDM on request)	
	SFP Transceiver, Gigabit Ethernet, 850 nm Multimode, 1000Base-SX, LC duplex	MS100200
	SFP Transceiver, Gigabit Ethernet, 1310 nm Single mode, 1000Base-LX, LC duplex	MS100210

Alternative ENTERPRISE desktop products

	Description	Article No.:
	Desktop Switch managed	
	10-Port GbE Desktop Switch managed 2x 100/1000X SFP-Slots bzw. 10/100/1000T (Combo), 8x 10/100/1000T, RS-232 Port (RJ-45), fanless, int. 110/230VAC (C14)	MS453526M
	6-Port GbE Desktop Switch managed 1x 100/1000X SFP-Slot, 5x 10/100/1000T, ext. PS (110/230VAC)	MS453514M
	10-Port GbE Desktop Switch PoE+ managed 2x 1000X SFP-Slots, 8x 10/100/1000T PoE+, RS-232 Port (RJ-45), fanless, int. 110~230VAC (C14)	MS453536PM
	Desktop Switch unmanaged	
	10-Port GbE Desktop Switch 2x 100/1000X SFP-Slot, 8x 10/100/1000T, ext. PS (100~240VAC)	MS453532
	5-Port GbE Desktop Switch 1x 1000X SFP-Slot, 4x 10/100/1000T, ext. PS (110/230VAC)	MS453510-V2

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*In preparation.

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