**ComX Computers**
Product Specification Sheet

# MS106LP

Mercusys MS106LP 6-Port 10/100 Mbps Desktop Switch with 4-Port PoE+

## Product Overview

Mercusys MS106LP 6-Port 10/100 Mbps Desktop Switch with 4-Port PoE+, PORT: 4x 10/100 Mbps PoE+ Ports, 2x 10/100 Mbps Non-PoE Ports, SPEC: Compatible with 802.3af/at PDs, 40 W PoE Power, Desktop Steel Case, Wall Mounting, FEATURE: Extend Mode for 250m PoE Transmittin







## Specifications

**Features:**

- 6 Ports: 6x 10/100 Mbps RJ45 ports with 4 PoE+ ports
- Two Cables in One: With four PoE+ ports, transfers data and power on one single cable
- High Power PoE+: Support PoE Power up to 30 W for each PoE port and 40 W for all PoE ports*
- 2x Uplink Ports: MS106LP provides 2x uplink ports when turning on the isolation mode. One for connecting to the Internet and one for connecting to the NVR.
- Long-Range up to 250 m: Increases PoE transmission distance to 250 m by Extend Mode*
- Isolation Mode: One click to divide traffic for specific ports for stability and security
- Compliant with Powered Devices: Works with IEEE 802.3af/at compliant PDs
- Durable Metal Casing: Allows for efficient heat dissipation and long network life
- Plug and Play: Simple to use and saves time and effort
- PoE Auto Recovery: Automatically reboots your dropped or unresponsive PoE-powered devices

**4 PoE+ Ports (40 W Budget) for Network Deployment**
Ports 1-4 support PoE+, and each of them supports a maximum of 30 W and is compliant with the 802.3af/at Powered Devices. MS106LP provides 2 ports without PoE+ for uplink devices, one of which is used to connect to the Internet and the other to connect to the NVR. The total 40 W PoE power budget* for the 4x PoE+ ports enables a variety of uses, including surveillance for offices, dormitories, and small businesses. IP cameras, access points, IP phones, PCs, video recorders, and more are all completely compatible with it.

**No Fuss**
No need for electricians; simplify installation and deployment.

**Cost-Efficiency**
Getting rid of extra cables and power adapters will save money on infrastructure.

**Flexibility**
Deployment in complex situations is made possible by more placement possibilities.

**Power Management**
Improves power usage while intelligently protecting your gadgets from power surges.

**IEEE 802.3af/at**
PoE ports compliant with the 802.3af/at Powered Devices.

**Long-Range up to 250 m with Extend Mode****
Extend Mode** increases PoE transmission distance to 250 m. MS106LP has four long-range ports with PoE+. Turn on the Extend Mode and make it ideal for installing surveillance cameras over wide areas.

**Traffic Separation**
With only one click, isolation mode divides traffic for ports 1-4 to prevent snooping/tampering and isolate broadcast storms for greater protection. MS106LP provides 2x uplink ports when turning on the isolation mode.

**Port Prioritization**
Prioritizing the data of specific ports would ensure the high quality of delicate applications, such as voice and video, in crucial business domains.

**PoE Auto Recovery**
The switch continuously detects data transmission with PoE-powered devices (PD). When a PD stops sending data packets to the switch for an extended length of time, the switch will reboot it automatically.

**Plug and Play**
MS106LP offers auto-negotiation (10/100M) and automated MDI/MDIX. There is no additional configuration needed. It is simple to use and saves time and effort.

**Durable and Silent**
MS106LP's durable metal case allows for efficient heat dissipation, excellent signal interference prevention, equipment stability, and long network life.

**Specifications:**

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| Specifications | |
|---|---|
| **Product Code** | MS106LP |
| **Hardware** | |
| **Dimensions** | 99.8*98*25mm |
| **PoE Ports** | RJ45 |
| | Standard: Compliant with 802.3 af/at Powered Devices |
| | PoE Ports: Port 1- Port 4 |
| | PoE Power Budget: 40 W |
| **Interfaces** | 6x 10/100 Mbps Ports, Auto-Negotiation, Auto MDI/MDIX |
| **External Power Supply** | External Power Adapter (Output: 53.5V/0.81A) |

| | |
|---|---|
| **Installation** | Desktop |
| | Wall Mount |
| **Standards and Protocols** | IEEE 802.3x Flow Control |
| **Data Rates** | 10/100 Mbps at Half Duplex |
| | 20/200 Mbps at Full Duplex |
| **Jumbo Frame** | 2 KB |
| **Mac Address Table** | 2K |
| **Max Power Consumption** | 1.87W(220 V / 50 Hz, no PD connected) |
| | 44.8W(220 V / 50 Hz, with 40W PD connected) |
| **Max Heat Dissipation** | 6.34 BTH/h (no PD connected) |
| | 152.32 BTH/h(with 40W PD connected) |
| **Others** | |
| **Package Contents** | 6-Port 10/100Mbps Desktop Switch with 4-Port PoE+ (MS106LP) |
| | Power Adapter |
| | Quick Installation Guide |
| **Environment** | Operating Temperature: 0 degreesC~40 degreesC (32 degreesF~104 degreesF) |
| | Storage Temperature: -40 degreesC~70 degreesC (-40 degreesF~158 degreesF) |
| | Operating Humidity: 10%~90% RH non-condensing |
| | Storage Humidity: 5%~95% RH non-condensing |

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:**
**https://www.comx-computers.co.za/MS106LP-Mercusys-MS106LP-6-Port-10-100-Mbps-Desktop-Switch-with-4-Port-PoE-p-301844.php**

*Images and specifications are provided for reference and are subject to change without notice. E&OE.*

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