

LAN SERIES

Unmanaged 10/100 Mbps Switches



Data Sheet

MS-1120U-8P MS-1110U-5T
MS-1120U-4P4T MS-1120U-8T
MS-1130U-16T

MILAN series of switches make setting up of your Local Area Network (LAN) extremely easy. Simply connect the power to the switch and connect your devices with ethernet cables – and your LAN is up. No user manuals to read, no configurations to manage, no software to maintain - our switch saves you time and money.

For small businesses, these switches help expand the existing LAN and give high-speed desktop connectivity and sharing printers. Our PoE switches can also power wireless access points, IP phones or cameras.

At your home, our switches provide the high speed networking required to stream content to smart TVs and gaming consoles, or even to share printers and other devices.

FEATURES

PLUG-AND-PLAY: Set it up easily with no software or configuration required. Simply unpack, connect and go!

LINE RATE: Full 100 Mbps bandwidth per port giving you faster connectivity for your laptops, printers, gaming consoles, IP TVs, surveillance cameras, wireless access points, IP phones, storage devices and more.

FANLESS: Quiet operation which is useful at home, office, conference rooms, hospitals, shops, cafes, etc.

AUTO-NEGOTIATION with auto MDI/MDX SUPPORT: Seamlessly supports 10M/100Mbps devices without need for crossover cable, reducing errors.

ENERGY EFFICIENT ETHERNET: Supports IEEE 802.3az and automatically consumes less power when there is no or low usage, saving money and helping the environment. These power efficient switches also support Automatic Power Shutdown (APS) mode when no cable is attached to a port and Wake-on-LAN plus (WoL+).

PoE SWITCHES: Support IEEE 802.3af compatible devices allowing transmission of power and data over the same cable by supplying up to 15.4W power per port.

VELANKANI GROUP

A “Make in India” company that designs and manufactures its products in India.

Our mission is to make high-quality electronics, sold under the brand PRYSM, to make technology available for all.

By doing local board design, sourcing quality components from reputable suppliers and manufacturing in our state-of-the-art factories, we provide you with superior and secure products.

Come join us in our journey to bring more electronics manufacturing to India.

WARRANTY:

3-YEAR LIMITED WARRANTY ON SWITCH UNIT
1-YEAR LIMITED WARRANTY ON POWER SUPPLY

TECHNICAL SPECIFICATIONS

MODEL	MS-1110U-5T	MS-1120U-8T	MS-1130U-16T	MS-1120U-8P	MS-1120U-4P4T
10/100Mbps RJ45 Ports	5	8	16	8	8
POE Ports (IEEE 802.3af) Max Power Per Port				8 15.4W	4 15.4W
Fans	Fanless	Fanless	Fanless	Fanless	Fanless
Power Supply	5V/0.5A 2.5W	5V/0.5A 2.5W	12V/1A 12W	48V/3A 144W	48V/2A 96W
Power Management - Auto Power Saving (APS) - Energy Efficient Ethernet - Wake on LAN Plus	Yes	Yes	Yes	Yes	Yes
Industry Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3az	IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3az	IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3az	IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3az	IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3az
LED Indications	Power, Activity	Power, Activity	Power, Activity	Power, Activity & PoE Power	Power, Activity & PoE Power
Auto MDI-MDX Support	All Ports	All Ports	All Ports	All Ports	All Ports
Operation Mode	Auto Negotiation	Auto Negotiation	Auto Negotiation	Auto Negotiation	Auto Negotiation
Transmission Mode	Full/Half Duplex	Full/Half Duplex	Full/Half Duplex	Full/Half Duplex	Full/Half Duplex
Flow Control	Full Duplex: IEEE 802.3x Half Duplex: Back Pressure	Full Duplex: IEEE 802.3x Half Duplex: Back Pressure	Full Duplex: IEEE 802.3x Half Duplex: Back Pressure	Full Duplex: IEEE 802.3x Half Duplex: Back Pressure	Full Duplex: IEEE 802.3x Half Duplex: Back Pressure
Switching Method	Store & Forward	Store & Forward	Store & Forward	Store & Forward	Store & Forward
Packet Frame Size	1552/1536 Bytes	1552/1536 Bytes	1600 Bytes	1552/1536 Bytes	1552/1536 Bytes
Switch Fabric	1 Gbps	1.6 Gbps	3.2 Gbps	1.6 Gbps	1.6 Gbps
Forwarding Speed	0.74 Mpps	1.190Mpps	2.38 Mpps	1.190 Mpps	1.190 Mpps
Packet Buffer	448 Kb	448 Kb	1.25 Mb	448 Kb	448 Kb
MAC Address Table	1K	1K	4K	1K	1K
Switch Enclosure	Plastic	Plastic	Metal	Metal	Metal
Form Factor	Desktop	Desktop	Desktop or Wall-mountable	Desktop or Wall-mountable	Desktop or Wall-mountable
Physical Dimensions (mm)	93.97x56.55x22	141.38x62.69x22.5	202.5x125x45.6	186x124.10x25.9	186x124.10x25.9
Operating Temperature	0 to 70 Deg C	0 to 70 Deg C	0 to 70 Deg C	0 to 70 Deg C	0 to 70 Deg C



Contact Us:

Velankani Electronics Pvt. Ltd.
43, Electronics City, Phase-1, Hosur Road, Bangalore- 560100, Karnataka, India

Web: www.velankanigroup.com | www.prysmelectronics.com

Tel: +91 76 7604 4533

Mail: insidesales@velankanigroup.com | computing@velankanigroup.com



Velankani Electronics Pvt. Ltd. (VEPL) is not responsible for errors in typography or photography. PRYSM, the PRYSM logo and PRYSM LAN SOHO Switch are trademarks of VEPL. © Copyright Velankani Electronics Pvt. Ltd. All rights reserved. Reproduction in any manner whatsoever without the express written permission of VEPL is strictly forbidden.