



WLM-525

A Wiz-Lite Managed Product



Description

- 6 ports fully managed high-end switch. Specially designed for F/O daisy-chain and ring applications
- 4 10/100M RJ45, A/N or manual, auto crossover
- 2 F/O uplink ports supporting multimode and singlemode (dual and single fibers) with variety of F/O connectors.
- Power over LAN providing IEEE802.3af PSE (optional)
- Enhanced switching functionalities including 802.1Q VLAN, Quality of Service (QoS), Rate limit, Flow control, FEF, RMON, MAC security, 802.1x authenticator etc.
- Supports spanning tree STP/RSTP and IGMP snooping
- Embedded management agent with secured in-band connection supporting SNMP, Telnet and Web
- Manageable via WizLAN's enhanced WIZ-View/A EMS application, Telnet (IP) and Web
- Desktop and wall mounting with a choice of internal or external power supply.
- Available in extended temperature (ETR) and industrial (IND) versions, as well as fiber protected (FP) models suitable for outdoor installation

The WLM-525 is a fully managed high-end access switch used in Fiber Optic Daisy-Chain and ring IP applications such as traffic/highway/railway control, surveillance and security systems, service distribution etc.. Based on state-of-the-art technology, industrial grade components and compact design, the WLM-525 sets new standards for daisy-chain/ring network environments.

The WLM-525 is available in two models: PoE model providing four Power Source Equipment (PSE) ports for PoE IEEE802.3af PD devices, and standard model. The models are equipped with external (EPS) or internal (IPS) wide-range power supply.

Supporting 64 802.1Q VLANs, quality of service (QoS) with four traffic classes, rate limit, RMON among other advanced features like STP/RSTP, IGMP snooping and advanced access security features makes the WLM-525 the preferable access switch in managed fiber-optic daisy-chain and ring networks capable of providing advanced data and multimedia services such as VoIP and video.

The WLM-525 includes embedded SNMP agent and full capability cross platform Java Web based EMS. The WLM-525 provides secured in-band connection for all remote managers, SNMP, Telnet and Web. The management provides control and monitoring of all switch parameters, features, functions (including PoE operation), hardware and environment as well as remote upgrade capabilities.

Upon installation, the WLM-525 provides the unique ability to configure and perform network connectivity tests, using CLI (RS-232) local connection or remotely via Wiz-Init application.

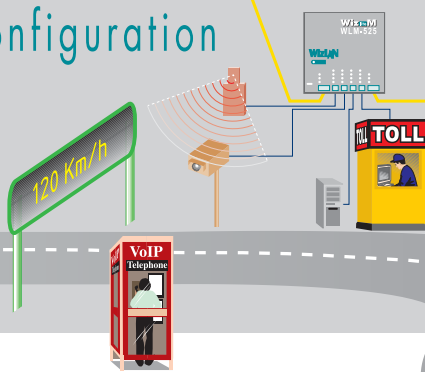
WLM-525 is available for standard, extended and industrial environments.

Per port LED indicators provides high visibility of port status and switch activity in both desktop and wall mount installations.

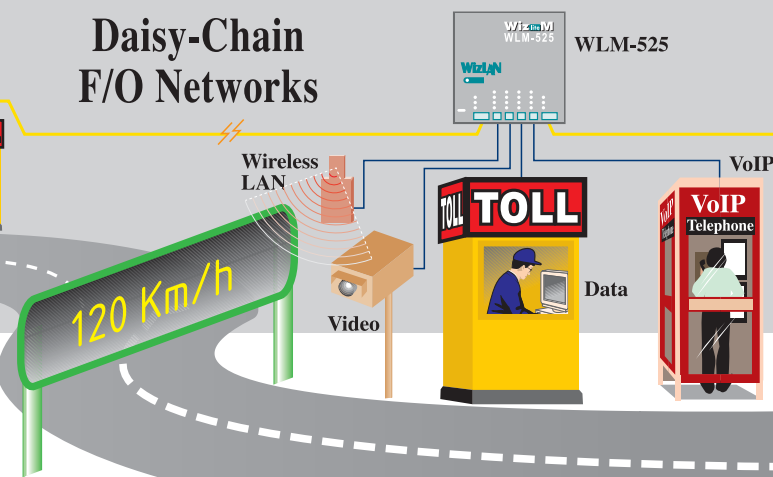


WIZ-LITE-MANAGED

Typical Configuration



Daisy-Chain F/O Networks



Technical Specifications

WLM-525 – 6 Ports Managed Access Switch

4x 10/100BaseT/TX External ports

10/100BaseT/TX RJ-45 auto-MDI crossover
A/N or manual (speed HDX/FDX) Via management
100 meter (330 ft) distance over UTP/STP

LED Indicators

POWER - Power indication
Link/Activity - Link / Activity indication, LED per port
100Mbps - 100Mbps speed indication, LED per port
FDX/Collision - Full duplex / Collision indication, LED per port
PoE-ON - PoE power supplies indication, LED per port (for PoE version only)

Link Verification Functions

- Far-end-Fault (FEF) detection on fiber port (selectable)
- Port mirroring

Technology

Store & forward non-blocking fast switching technology
Maximum frame size: 1536 bytes
Address table: 2,048 MAC addresses with automatic learning and aging
Spanning tree (STP/RSTP), IGMP snooping
MNGT Agent: Embedded SNMP agent, Web server - Java Web based EMS and Telnet. Advanced MNGT and user access security

Management Options and Security

Fully manageable via SNMP, Web and Telnet
Advanced management and access security (IP, MAC and 802.1x (optional))

Initial IP Setup and Network Connectivity Tester

- RS-232 CLI local connection (RJ-11), using a special cable available from WizLAN
- Using Wiz-Init remote application, available free from WizLAN

Standard Compliance

IEEE802.3, 802.3U, 802.3x, 802.1Q, 802.1p, 802.1d/w, 802.1x

Ordering Information

WLM-525/ / / / / / Six port fully managed access switch. Four ports 10/100BaseTX, two 100BaseFX uplink ports [Uplink Type], [connector type], [model: either Standard or Power over Ethernet, power supply type], [Environment].

Ordering terminology

WLM-525 / [Uplink type] / [connector type] / [model] / [Environment]

M = Multimode, 1310nm, 0-6km,

S = Singlemode, 1310nm, 18 dB, 0-30km

S1 = Singlemode, 1310nm, 30dB, 10-50km

S2 = Singlemode, 1550nm, 34dB, 40-100km

* **SF** = Single Fiber, SM -1550/1310nm, 18dB, 0-20km

* **S1F** = Single Fiber, SM -1550/1310nm, 31dB, 10-50km

SC

ST

LC

MT-RJ

[] - External Power Supply (EPS)

IPS - Internal PS (90-264VAC)

IPS-DCL - Internal PS (9 - 36VDC)

IPS-DCH - Internal PS (36 - 72 VDC)

PoE - PoE-PSE, IEEE802.3af, 30VA, IPS AC

[] - 0 to 50°C

ETR - 0 to 60°C

IND - -20 to 70°C

* Single Fiber (dual wavelength, works in pairs): type A: TX-1550nm and RX-1310nm connects to type B: TX-1310nm and RX-1550nm.

To simplify the installation and service the WLM-525/SF includes one port type A and second port type B. SC connectors only.

Example: **WLM-525/S/SC/IPS/ETR** Six port fully managed access switch. Four ports 10/100BaseTX, two 100BaseFX uplink ports (singlemode 1310nm, 18dB, 30Km, SC). IPS, ETR

Add-on Functionalities and Accessories

W-802.1x _____ Port based network access control package - IEEE802.1x authenticator

WLM-CLI Cable _____ Special CLI (RS-232) cable for Wiz-Lite Managed product line. RJ-11 - DB9 cable optionally used for initial device configuration.

All specifications are subject to change without notice. Neither manufacturer nor seller shall be liable for any loss, damage, or injury, direct or consequential, arising from the inability to use the product.



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Rev.03