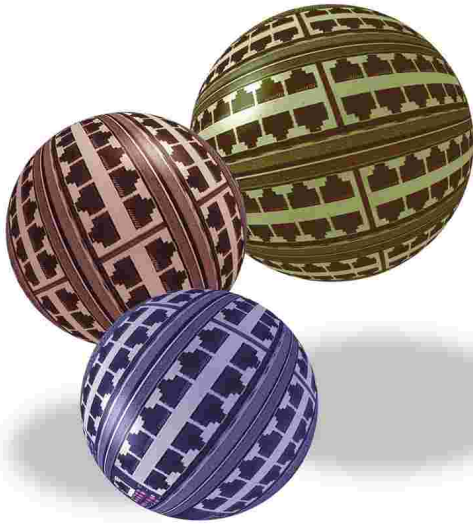


WLM-620

A Wiz-Lite Managed Product



- Managed 10/100/1000BaseT to 1000BaseSX/LX triple speed converter for Gigabit links and FTtx applications
- Complies with IEEE standards 802.3 10/100/1000BaseT, 802.3z 1000BaseSX/LX, 802.3u
- Highly reliable 3R technology (Retiming, Reshaping and Regeneration)
- Enhanced port/converter setting including mode, speed, duplex, flow control, rate limit, learning/aging, as well as MNGT access security, RMON counters etc.
- Embedded management agent (fixed IP or DHCP), with management VLAN option
- Remote inband management via WizLAN's WIZ-View/A EMS application, Telnet or Web browser
- Large variety of F/O interfaces (SC or LC), for multimode, singlemode and single fiber links
- Fast and simple installation, initial IP setup via WizLAN's remote Wiz-Init application
- Highly visible LED indicators
- Internal AC or DC power supply (IPS), or external

The WLM-620 is a managed stand alone triple speed Gigabit converter providing conversion between 10/100/1000BaseT copper media and 1000BaseSX/LX fiber media in compliance with IEEE standards.

The WLM-620 provides management to Gigabit links and is used to connect an Ethernet auto-negotiation TP device/network, either 10M, 100M or 1000M, over MM or SM fiber optic Gigabit links.

Using high speed non blocking switching technology the WLM-620 enables speed conversion as well as 3R repeating technology (Retiming, Reshaping and Regeneration) providing highly reliable data transfer over extended fiber optic links.

The WLM-620 includes embedded SNMP agent with full capability cross platform Java Web based EMS and Telnet support. Inband management access is secured by passwords, VLAN, IP access list, Radius authentication and path control options.

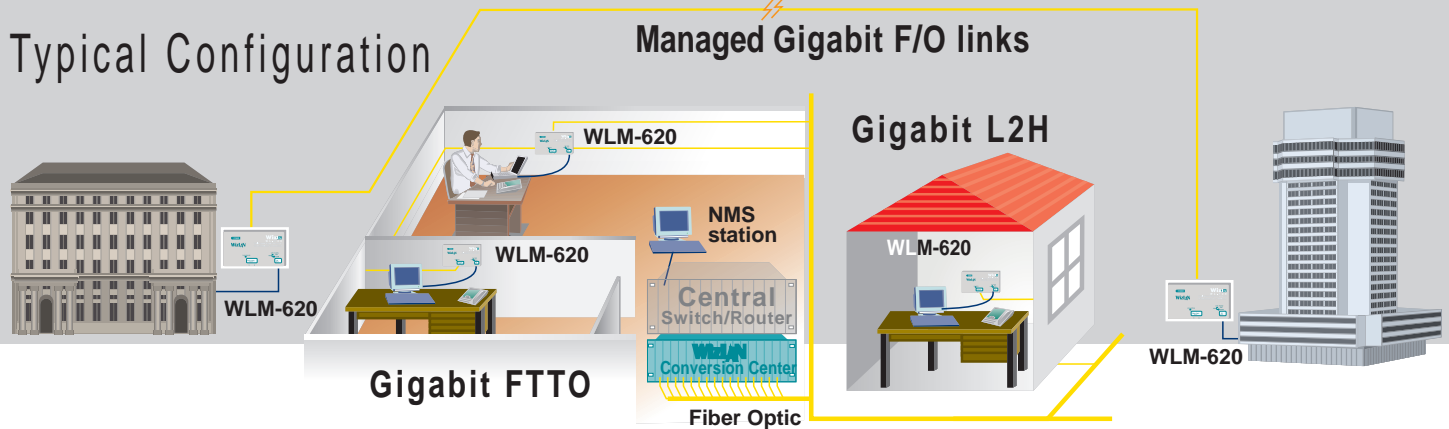
The management provides control of all ports / converter parameters, including learning/aging, rate limit and flow control as well as RMON statistics and remote software updates.

Although fully managed, the WLM-620 is a Plug & Play device. The initial IP/DHCP settings done remotely via WizLAN's Wiz-Init application.

WLM-620 is available with a choice of internal PS (AC or DC) or external PS (AC). Per port indicators provide high visibility of port status and converter activity in both desktop and wall mounting.



Typical Configuration



Technical Specifications

WLM-620 10/100/1000BaseT to 1000BaseSX/LX Managed Gigabit converter

Fiber port: 1000BaseSX/LX

Media and Connectors:

Multimode (MM), 850nm Connectors: SC, LC

Singlemode (SM), 1310/1550nm Connectors: SC, LC

Distance / power budget:

Multimode (MM 62.5/125, 50/125) 220/550m / 8dB
(MM 62.5/125, 50/125) 2Km (M2 special model)

Singlemode (SM 9/125) 10Km/10dB, 20Km/17dB (1310nm)
50Km/17dB, 70Km/24dB (1550nm)

Single Fiber (SM, SF dual wavelength) 10Km/12dB
20Km/17dB

Copper Port: 10/100/1000BaseT

10/100/1000BaseT RJ-45 auto-MDI and polarity

Auto Negotiation

100 meter (330 ft) distance over TP cables Cat5, 5e and 6

Features:

Remote inband management, Management VLAN option, complete setup and monitoring capabilities

Technology:

Store & Forward, high speed, non blocking switching technology
Protocol dependant 3R repeating (Retiming, reshaping and Regeneration)
Frame buffer memory: 1Mbit

LED Indications:

POWER: Power ON indication

Management: SNMP agent operational

Fiber port: Link/Activity

Copper (TP) port: Link/Activity for 10M, 100M and 1000M speeds

Power:

EPS (External Power Adaptor), AC input: 100-240VAC 50/60Hz

DC output: 5 VDC, 2 Amp Polarity: 

IPS (Internal Power Supply),

AC input: 90-264VAC 50/60Hz

DC input: 9-36VDC or 36-72VDC

Standards Compliance:

IEEE802.3, 802.3ab, 802.3z and 802.3u

Safety and Emission Standards:

CE, FCC Part 15, EN60950

Dimensions:

	Width	Depth	Height
WLM-620/EPS:	150mm(5.9")	85mm(3.4")	31mm(1.3")
WLM-620/IPS:	150mm(5.9")	163mm(6.5")	31mm(1.3")

Environment:

Operating Temp.: 0° to 45° C (32° to 113° F)

Storage: -30° to 70° C (-22° to 149° F)

Humidity: 10% to 90% non-condensing

Ordering Information:

WLM-620/___/___/___ Managed Gigabit converter, one port 10/100/1000BaseT, one 1000BaseX F/O port ([fiber type], [connector type]). Inc. External Universal power adaptor (EPS) or [option]

Ordering terminology:

WLM-620/[Fiber type]/[connector type]/[option]

<p>↓</p> <p>SC or LC</p> <p>M = Multimode, 850nm, 0-220/550m</p> <p>M2 = Multimode, 0-2Km</p> <p>S = Singlemode, 1310nm, 10 dB, 0-10Km</p> <p>S1 = Singlemode, 1310nm, 17dB, 0-20Km</p> <p>S2 = Singlemode, 1550nm, 17dB, 10-50Km</p> <p>S3 = Singlemode, 1550nm, 247dB, 30-70Km</p> <p>*SF-A/B/S = Single Fiber, SM -1550/1310nm, 12dB, 0-10Km</p> <p>*SF-A/B/S1 = Single Fiber, SM -1550/1310nm, 17dB, 0-20Km</p> <p>* Single Fiber (dual wavelength, works in pairs): type A: TX-1550nm and RX-1310nm connects to type B: TX-1310nm and RX-1550nm.</p>	<p>() = EPS - external power adaptor (AC, 100-240VAC 50/60Hz)</p> <p>IPS = Internal power supply (AC, 90 - 264VAC 50/60Hz)</p> <p>IPS-DCL = Internal DC PS, input: 9-36VDC</p> <p>IPS-DCH = Internal DC PS, input: 36-72VDC</p>
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Example: WLM-620/S/SC Managed Gigabit converter, one port 10/100/1000BaseT, one 1000BaseX F/O port (Singlemode, 1310nm, 10 dB, 0-10K, SC), Inc. External Universal power adaptor (EPS).

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.

