MEDIA WIZARD

The Leading Concept in Network Connectivity

Introduction

WizLAN's Media Wizard product line provides a range of scalable connectivity, distribution and media conversion solutions in a single manageable/unmanageable chassis.

Located between the enterprise devices and cabling system, this multifunctional platform supports a large variety of plug-in manageable modules, designed to address the needs of high-density, rapid growth networks.

Each Media Wizard chassis can accommodate any combination of modules supporting:

- Diverse functionalities such as media conversion, switching, redundancy and distance extension solutions, CWDM, multiplexing, and more
- Multiple LAN protocols such as 10/100/1000M Ethernet, 155/622M ATM, ESCON, Fiber Channel, E1/T1, AS/400 and more
- Various copper and fiber media (SM, MM, SF, CWDM, etc.)

Chassis are available in various sizes, accommodating from one to sixteen Media Wizard modules, where the 4-slot and 16-slot (Telco grade) chassis can be equipped with redundant, hot-swappable power supplies.

- 16-slot (+ management slot) chassis, Telco grade robustness, slide-in power supplies
- 4-slot chassis (one of which can be used for the management module)
- 2-slot chassis (one of which can be used for the management module)
- 1-slot chassis with or without internal management support

Chassis and per module enhanced SNMP management support provides monitoring and control functionality from virtually any SNMP management platform.

Advantages of Media Wizard Product Line

- Extends the functionality of legacy and network devices by providing the necessary conversions, distribution and connectivity to interface with mixed cabling environments

- Future-safe scalable architecture, various chassis sizes and plug-in modules optimize immediate investments and effectively meet growing needs

- Optimal network organizer and space saver - integrates many stand-alone devices into single modular connectivity centers

- Compact size, high-density (3U height 16-slot) chassis supports diverse functionalities and significantly reduces required installation space

- Telco grade system robustness provided by independent module operation, redundant power supply options (load sharing), and enhanced chassis monitoring and management capabilities

- Remote power management including power-supply identification and power consumption

- Remote chassis hardware monitoring including temperature, voltage and fan RPM

- Remote setup, configuration, and monitoring of installed modules

- Hot-swappable, chassis interchangeable slide-in modules and power supplies simplify installation, operation and maintenance

- Chassis can be equipped to operate from a range of AC and DC power sources

- One stop connectivity shop, centralized management and maintenance

Media Wizard modular chassis

WIZ-2016A

Description:	16 slots + 1 MNG slot, Telco grade, plug-in power supply, redundant power supply (option)
Backplane:	Sapporting 15 discrete 200Mbps channels as well as serial and parallel managment busses and in-band mamnagment connnection
LED Indicators:	Power Supply Main/Secondary, Fan1/Fan2
Dimensions:	H: 3U 13.3cm (5.25") x W: 48.3cm (19.0") x D: 33cm (11.8")
Input Voltage:	**AC:** 90-130VAC/180-264VAC (auto-select), 47-440Hz
	DC: 36-72 VDC (-48V)
Max Input Power:	WIZ-2016A (regular PS): 215W
Consumption:	WIZ-2016A/HP (high PS): 280W
	WIZ-2016A/DC (DC PS): 200W
DC Power	WIZ-2016A (regular PS): 24PU
Output:	WIZ-2016A/HP (high PS): 40PU
	WIZ-2016A/DC (DC PS): 30PU
Safety and Emission:	CE, FCC, Part 15, EN60950
Environment:	Operating: 0 to 45°C (32 to 113°F), Storage: -40 to 85°C (-40 to 185°F), Humidity: 10% to 90% non-condensing

MEDIA WIZARD - YOUR BEST CHOICE FOR NETWORK CONNECTIVITY

WIZ-2004A

Description:	4 slots or 3 + 1 MNG slot, redundant power supply (option)
LED Indicators:	Power Supply Main/Secondary, Fan
Dimensions:	H: 1.5U 6.7cm (2.7") x W: 48.3cm (19.0") x D: 15.1cm (6.0")
Input Voltage:	**AC:** 90-264VAC, 47-440Hz,
	DC: 36-72 VDC (-48V)

Max Input Power	WIZ-2004A:	53W
Consumption:	WIZ-2004A/DC (DC PS):	53W
DC Power	WIZ-2004A:	8PU
Output:	WIZ-2004A/DC (DC PS):	8PU

Safety and Emission:	CE, FCC, Part 15, EN60950
Environment:	Operating: 0 to 45°C (32 to 113°F), Storage: -40 to 85°C (-40 to 185°F), Humidity: 10% to 90% non-condensing

WIZ-2002A

Description:	2 slots or 1 + 1 MNG slot
LED Indicators:	Power Supply
Dimensions:	H: 1.5U 7.0cm (2.75") x W: 14.0cm (5.5") x D: 21.5cm (8.5")
Input Voltage:	**AC:** 90-264VAC, 47-440Hz,
	DCL: 9-36 VDC
	DCH: 36-72 VDC

Max Input Power	WIZ-2002A:	16W
Consumption:	WIZ-2002A/DCL/DCH:	16W
DC Power	WIZ-2002A:	3PU
Output:	WIZ-2002A/DCL/DCH:	3PU

Safety and Emission:	CE, FCC, Part 15, EN60950
Environment:	Operating: 0 to 45°C (32 to 113°F), Storage: -40 to 85°C (-40 to 185°F), Humidity: 10% to 90% non-condensing

WIZ-2001

Description:	1 slots
LED Indicators:	Power Supply
Dimensions:	H: 1U 4.4cm (1.75") x W: 14.0cm (5.5") x D: 20cm (7.8")
Input Voltage:	**AC:** 90-264VAC, 47-440Hz,
	DCL: 9-36 VDC
	DCH: 36-72 VDC

Max Input Power	WIZ-2001:	16W
Consumption:	WIZ-2001/DCL/DCH:	16W
DC Power	WIZ-2001:	2PU
Output:	WIZ-2001/DCL/DCH:	2PU

Safety and Emission:	CE, FCC, Part 15, EN60950
Environment:	Operating: 0 to 45°C (32 to 113°F), Storage: -40 to 85°C (-40 to 185°F), Humidity: 10% to 90% non-condensing

WIZ-2001M

Description:	1 slots (includes internal SNMP management)
LED Indicators:	MNG LEDs (Init, Sys, Power Supply Main/Sec, Outband/Inband, Link, Act)
Connectors:	RJ-45 10BaseTX, DB9 male Console/RS-232
Dimensions:	H: 5.3cm (2.1") x W: 13.5cm (5.3") x D: 21.0cm (8.3")
Input Voltage:	**AC:** 90-264VAC, 47-440Hz,
	DCL: 9-36 VDC
	DCH: 36-72 VDC

Max Input Power	WIZ-2001M:	16W
Consumption:	WIZ-2001M/DCL/DCH:	16W
DC Power	WIZ-2001M:	2PU
Output:	WIZ-2001M/DCL/DCH:	2PU

Safety and Emission:	CE, FCC, Part 15, EN60950
Environment:	Operating: 0 to 45°C (32 to 113°F), Storage: -40 to 85°C (-40 to 185°F), Humidity: 10% to 90% non-condensing

WIZLAN Ltd. **Your Connectivity Partner**

Ordering Information

WIZ-2016A	16 slot modular chassis + NMS slot, 3U 19" rack mount, inc. main universal PS (24PU) and optional RPS
WIZ-2016A/R	16 slot modular chassis + NMS slot, 3U 19" rack mount, inc. dual universal PS (main + redundant (24+24PU))
WIZ-2016A/PS	Redundant universal power supply (RPS) for WIZ-2016A (24PU)
WIZ-2016A/DC	16 slot modular chassis + NMS slot, 3U 19" rack mount, inc. -48VDC (input: 36-72VDC) PS, (30PU) and optional RPS.
WIZ-2016A/R/DC	16 slot modular chassis + NMS slot, 3U 19" rack mount, inc. Dual/ redundant - 48VDC (input: 36-72VDC) PS (30+30PU)
WIZ-2016A/PS/DC	Redundant -48VDC (input: 36-72VDC) power supply (RPS) for WIZ-2016A (30PU)
WIZ-2016A/HP	16 slot modular chassis + NMS slot, 3U 19" rack mount, inc. main universal PS/HP (High Power 40PU) and optional RPS.
WIZ-2016A/R/HP	16 slot modular chassis + NMS slot, 3U 19" rack mount, inc. dual universal PS/HP (main + redundant (High Power 40+40PU)).
WIZ-2016A/PS/HP	Redundant universal power supply (RPS/HP) for WIZ-2016 High Power (40PU)
WIZ-2004A	4 slot modular chassis inc. NMS slot, 1.5U 19" rack mount, single universal PS (8PU).
WIZ-2004A/R	4 slot modular chassis inc. NMS slot, 1.5U 19" rack mount, Dual / Redundant universal PS (8+8 PU).
WIZ-2004A//DC	4 slot modular chassis inc. NMS slot, 1.5U 19" rack mount, -48VDC (input: 36-72VDC) PS (8PU).
WIZ-2004A/R/DC	4 slot modular chassis inc. NMS slot, 1.5U 19" rack mount, Dual / redundant - 48VDC (input: 36-72VDC) PS (8+8PU).
WIZ-2002A	2 slot modular chassis inc. NMS slot, Stand-alone 1.5U, int. universal PS (3PU).
WIZ-2002A//DCL	2 slot modular chassis inc. NMS slot, Stand-alone 1.5U, int. PS, DC input 9- 36VDC (3PU).
WIZ-2002A//DCH	2 slot modular chassis inc. NMS slot, Stand-alone 1.5U, int. PS, DC input 36- 72VDC (3PU).
WIZ-100	Blank panel for WIZ-2016A, WIZ-2004A and WIZ-2002A Chassis
WIZ-400	Blank panel 4 slots wide for WIZ-2016A Chassis
WIZ-2001	1 slot modular chassis, Stand-alone 1U, int. universal PS (2PU).
WIZ-2001/DCL	1 slot modular chassis, Stand-alone 1U, int. PS, DC input 9-36VDC (2PU).
WIZ-2001/DCH	1 slot modular chassis, Stand-alone 1U, int. PS, DC input 36-72VDC (2PU).
WIZ-2001M	1 slot modular chassis with build-in SNMP agent, Stand-alone 1.2U, int. universal PS (2PU).
WIZ-2001M/DCL	1 slot modular chassis with build-in SNMP agent, Stand-alone 1.2U, int. PS, DC input 9-36VDC (2PU).
WIZ-2001M/DCH	1 slot modular chassis with build-in SNMP agent, Stand-alone 1.2U, int. PS, DC input 36-72VDC (2PU).
Caution: To ensure proper airflow cooling through the 19" chassis, it is highly recommended to close all empty slots with blank panels (WIZ-100 and/or WIZ-400).	
WIZ-NMS/A	SNMP agent module for the Media Wizard and Wiz-Stack product lines, including 10BaseT and RS232 interfaces. (0.8PU)
WIZ-VIEW/A	WizLAN Management application for the Media Wizard and Wiz-Stack product lines. Java based, cross platform, graphical rich application. One license required per management station.

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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