ADD-RACK-16

19 inch Unmanaged Media Converter Chassis with 16-Slot Rack Mount

Features

- Redundant AC 220V/DC 48V Dual Power
- Multi-Management access Telnet, Web, SNMP, CLI
- Based on Public MIBS; Multiple community strings
- Single slot design allows more slide-in-modules inserted
- Supports TFTP upgrade and backup of NMS card
- NMS support ETH, CONSL, UPLINK interfaces, with Cascading function
- Supports Import/Export configuration files in human editable format
- Supports Loopback and PRBS, precisely locating failure, convenient for link test
- Powerful Historical alarming and operating log information tracking and management

Product Description

This is a 19in unmanaged media converter chassis with 16-slot rack mount. Offering a great space/performance ratio, this media converter covers various fiber media converter functions, including a variety of data rate, SM/MM, single and double fiber with simple setup. The rack is standard with dual redundant power supply. Our media converters and network interface cards are 100% compliant for all of our networking needs. Now you have a cost effective solution to your network upgrade needs.

Chassis Specifications

Parameter	Specifications
Slots	16
NMC Slot	1-Slot in Back Panel
LEDs	Power & In-Use LEDs for Each Power Supply (With Use in Optional LED Module)
Dimensions	425mm x 310mm x 90mm (L x W x H)
Power	Two open bays DOE chassis power modules, supporting universal input AC100-240V or DC-48V. The dual power supplies can function in load-share mode.
Weight	6kg
Compliance	CE Class A, RoHS
Environmental	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Humidity	5-95% (Non-Condensing)
Management Interface	
Fixed Interface	10/100/1000Base-T Port x1, RS232 to RJ-45 Console Port x1, Reset Button x1
LED Indicator	LED Indicator
Management	Console, Web, SNMP v1/v2c
SNMP Trap	Cold Start, MC Copper Link Up/Down, MC Fiber Link Up/Down

Power Supply Specifications

Electrical Characteristics

Parameter	Specifications		Remark
Input			
Phase	Single Phase		
Input Voltage Range	110-264		VAC
Rated Input Voltage	220		VAC
Input Frequency	50/60		Hz
Maximum Input Current	<2.2		A
In-Rush Current	<50A @220VAV		Cold Conditions
Efficiency	≥68		Rated Voltage; Full Load
Output			
Output Voltage Range	5	12	VDC
Load Current Minimum	0.1	0.1	A
Load Current	15.0	0.2	A
Voltage Accuracy	±5	9-13	VDC
Line Regulation	≤±3	≤±2	%
Load Regulation	≤±5	9-13	%
Ripple	≤20		mV
Noise	≤100		mV
Temperature Coefficient	±0.03%		˚C
Start-Up Time	/		
Hold-Up Time	/		
Output Power	77.1		W
An isolation diode has been added inside the power supply, allowing dual power supplies to be used in parallel.			

Notes:

1. The minimum load during testing is 10% of full load.
2. Connect a 10μF electrolytic capacitor and a 0.1μF ceramic capacitor to the end of the output line at the test point.
3. Unless otherwise specified, all specifications are typical values measured at nominal input and full load output at 25°F.
4. 5V is the main feedback circuit, +12V is the secondary circuit. The secondary circuit has no separate voltage regulation, and its voltage is affected by the magnitude of the main circuit current. To ensure voltage accuracy, the secondary circuit must not be unloaded. Each circuit must be loaded in a certain proportion.

Protective Features

Parameter	Specifications
Over Power Protection	110-190% of Rated Power, Automatic Recovery
Over Voltage Protection	115-135% of the Nominal Voltage Value (V1)
Short Circuit Protection	Long-Term, Self-Recovery
Over Current Protection	110-230%, Rumble-Mode

Insulation Strength and Insulation Resistance

Parameter		Specifications		Remark
		Insulation Strength	**Insulation Resistance**	
Primary to Secondary		1500VAC; <10mA/60s	≥50MΩ	No Flying Arc No Penetration
Primary to P.G			≥50MΩ	
Surge	L-N	2000VAC	The impulse voltage waveform is 8/20μs, with 5 positive and 5 negative pulses, spaced 60 seconds apart (criteria A).	
	L-E	4000VAC		
	N-E			

Notes:

1. Insulation strength and insulation resistance are only applicable to products powered by 220VAC with the test voltage at 500VDC (90% RH).

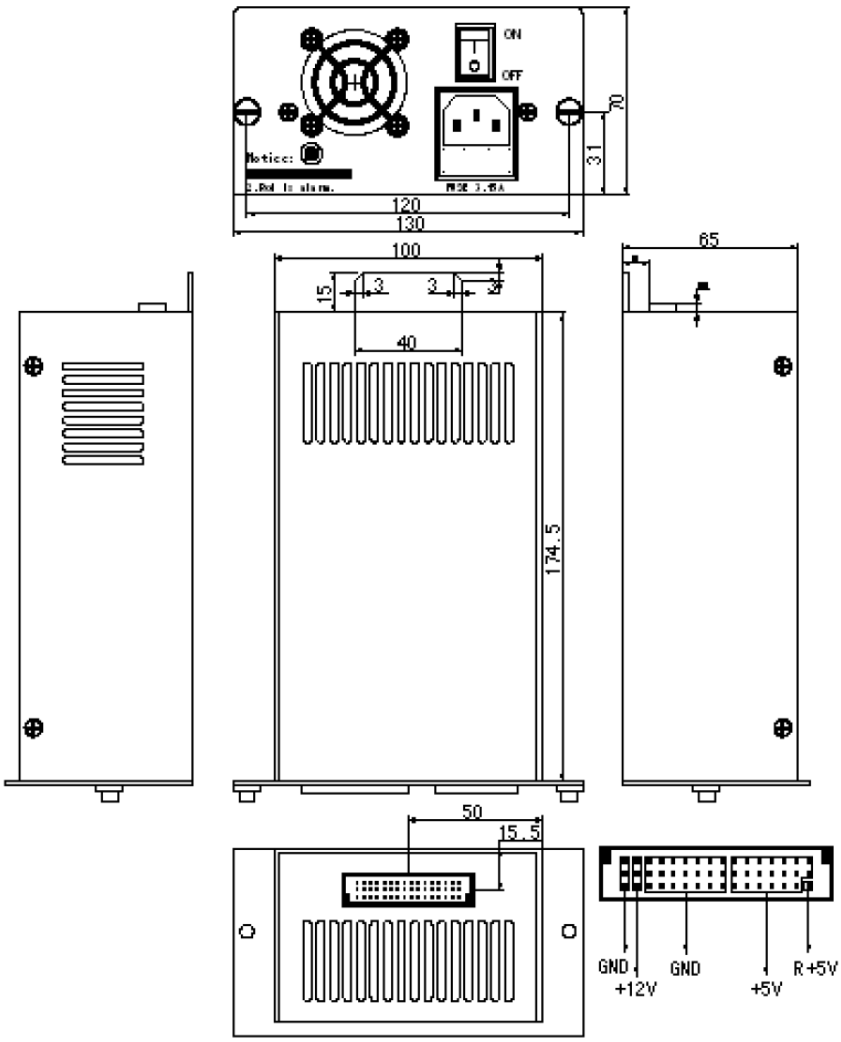
Safety and Reliability

Parameter	Specifications
Leakage Current	≤0.5mA @220VAC
Reliability	MTBF Mil STD: Min70, 000h
Safety	The design complies with the requirements of EN60950 standard: explosive components must not cause danger or damage to the user.

Environmental Specifications

Parameter	Specifications
Operating Temperature	-25°C to 65°C 65°C @80% Load
Storage Temperature	-40°C to 85°C
Operating Relative Humidity	20-90% (Non-Condensing)
Storage Relative Humidity	10-95% (Non-Condensing)
Heat-Dissipation Method	Self-Cooling
Altitude	≤2000m

Mechanical Specifications



Power Cord Specifications

Parameter	Specifications
Amps	15A
Connector 1	NEMA 5-15P
Connector 1 Gender	Male
Connector 2	C13
Connector 2 Gender	Female
Cord Color	Black
Family Type	Power Cable
Jacket Material	PVC
Jacket Rating	SJT (Service Junior Thermoplastic)
Type	NEMA 5-15P to C13
Volts	125V
Wire Gauge	14AWG

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is in engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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