INSTALLATION AUXILIARY FIGURES

1 Accessories

Pulling cable x 1

Power cord x 1

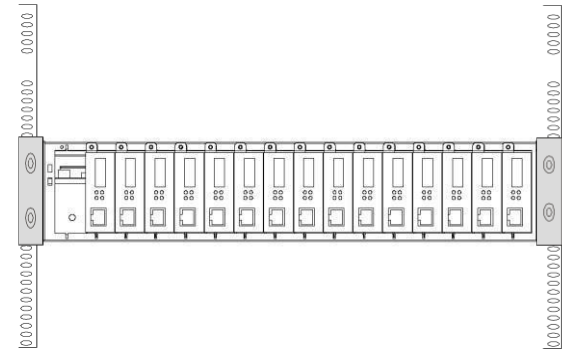Slider set x 16

Mount ear x 2

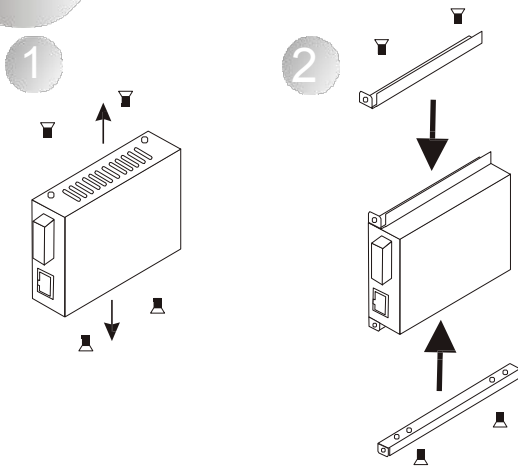Rubber pedestal x 4
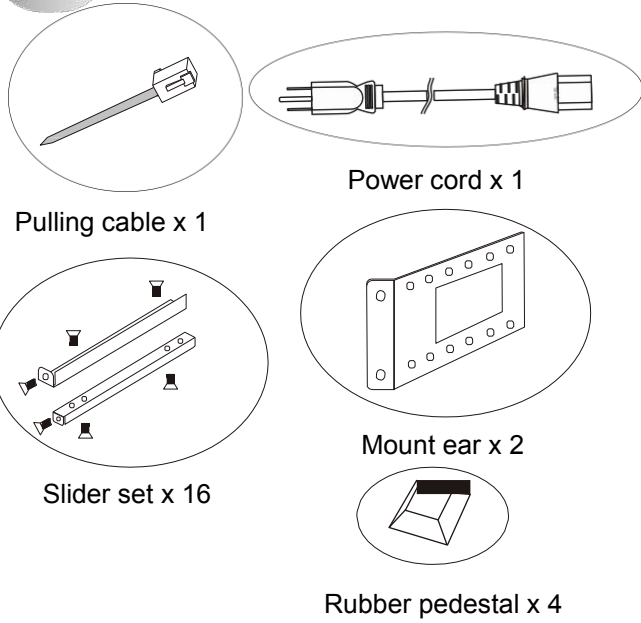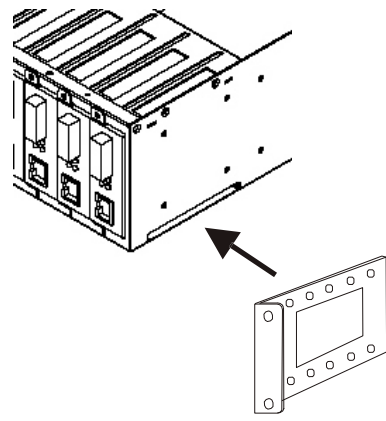
2 Mount ear

Take screws off to remove mount ear

3 Mount rack

Fasten screws in rack to fix the Chassis

## 4 Upper and lower slider of media converter

When installing the media converter to the Chassis, please attach two sliders to the media converter first.

1. Take off 4 screws from the media converter.
2. Fasten two sliders with screws in top and bottom locations.

Note:
1. For recent media converters, there are 4 reserved screw holes on laterals or sliders.
2. If your media converters are older versions, please unscrew first (Refer to Point 1).
3. If your media converters already have reserved lateral holes, please fasten the sliders directly (Refer to Point 2).
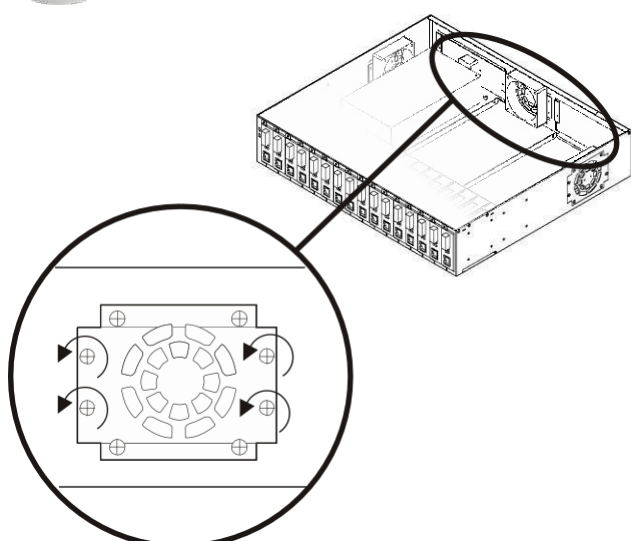
5 Slide in
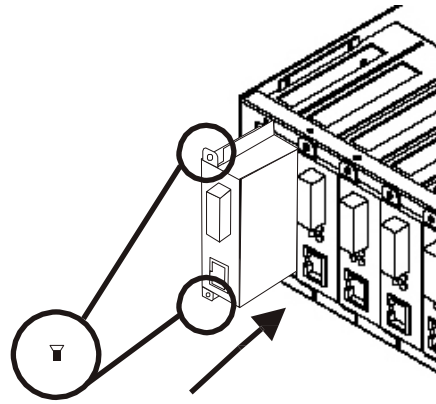
Push the media converter into the Chassis and fasten screws on the slider of media converter.
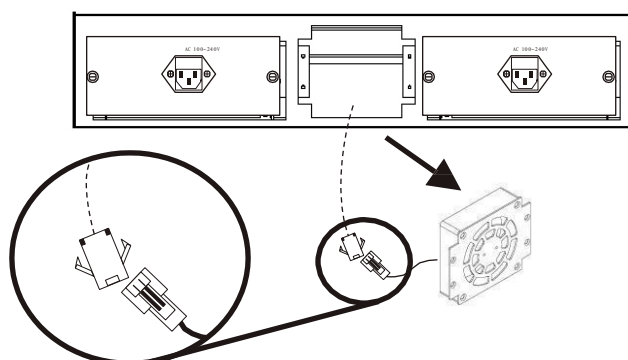
6 Slide out with pulling cable
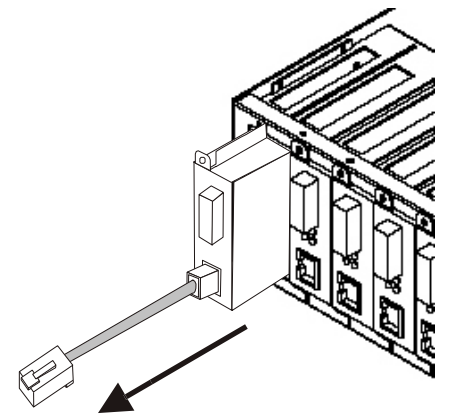
Pull out the media converter with the pulling cable.
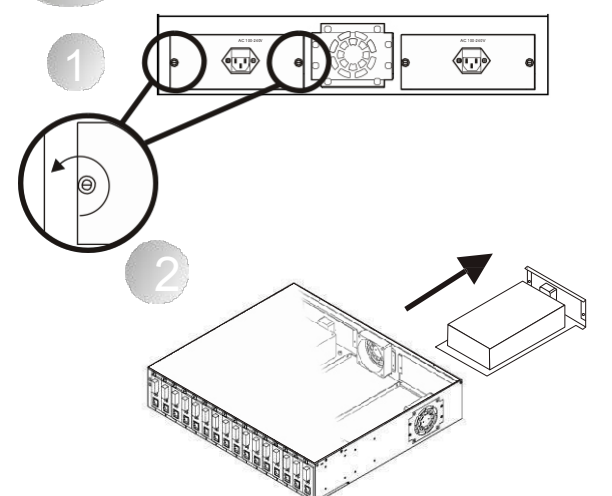
7 Top view with fan location

Unfasten four screws for fan replacement.

8 Fan replacement

1. Take the fan out from the Chassis, then pull power jacket off.
2. Replace a new fan, then put power jacket back.
3. Push the new fan back to the Chassis.
4. Fasten four screws.

9 Power replacement

Remove screws from two sides of power supply then pull power supply out.

Lantech

MC-116-RPS

16-Slot Universal Media Converter Chassis

User's Guide

Version 2.0

1. Introduction

The 16 Slots Universal Media Converter Chassis is designed to accommodate sixteen separate and independent our media converters within a rack-mountable rack.

The Chassis is fitted with two hot-swappable power supplies and three hot-swappable fans for enhanced reliability. This means that if one power supply fails, the other is capable of taking over immediately. The other benefit is that if power supply or fan fails then it can be replaced with another one without taking back whole Chassis.

Power status is shown on the LED display for the user to monitor and respond as necessary. For optimal performance, please ensure that the Chassis is placed in a well-ventilated position, enabling air to circulate above and below the unit.

The Chassis can also be installed in a standard 19-inch site rack; provision has been made for the appropriate connecting brackets.

Note: This Chassis has been designed to house only the proprietary range of media converters. Any other configuration is at the user´s own risk.

2. Installation (Refer to the back page)

2.1 Rack Mounting

The Chassis can be mounted in a standard EIA 19-inch rack. Begin by aligning the mounting brackets along the sides of the unit with the slit over the holes. Secure the screws tightly to fit the brackets to the device before fixing it into the 19-inch rack. Please ensure that the ventilation holes are not obstructed. The step-by-step procedure is shown on the next page.

2.2 Media Converter

1. Screw the upper and lower sliders on media converter.
2. Carefully align the slider with slide way, then press it with firm and steady pressure.

2.3 Cabling

1. The correct cable specifications and distances will be listed on the media converter's documentation.
2. Connect the RJ-45/fiber cable to the front of media converter.

2.4 Powering

1. Connect the female end of the power cord to the MCR.
2. Connect the male end of the power cord to an external AC outlet.
3. LEDs of the power A, B on the Chassis will illuminate when the installation is done correctly.
4. Similarly, the power indicator LEDs on the media converter will illuminate when the installation is complete and correct.

3. Specifications

Slot number
16 slots

LED
Power A Activity
Power B Activity

Redundancy
2 Hot-Swappable Power Modules

Power
AC Power Option (Per Power Supply Unit):
-Input: 100V ~ 240V, 3.0A, 50/60Hz
-Output: 5VDC
DC Power Option (Per Power Supply Unit):
-Input: 48VDC
-Output: 5VDC
Power Consumption: 9.5W (Empty Loading)

Typical Operation & Storage Temperature
Operation: 0 ~ 50°C

Storage Temperature: -20 ~ 60°C
Humidity: 5% ~ 90% non-condensing

Dimension and Weight
Size: 440 x 385 x 90mm (W x D x H)
Weight:
- 7.65KG (The Chassis Only)
- 10.4KG (The Chassis With 2 Power Modules)

Emission/Safety:
EMI: FCC Class A, CE

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Strongly Recommended:

To ensure the best performance of standalone media converters, please keep your environment temperature under 40 degrees Celsius. Or, install two power modules for the Chassis.