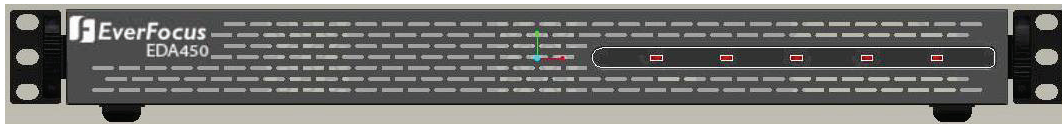


EDA450

SATA Bay Storage Expansion

User's Manual



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Release Date: October, 2014

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EVERFOCUS ELECTRONICS CORPORATION

EDA450

User's Manual

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Release Date: October, 2014

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Safety Precautions

- Refer all work related to the installation of this product to qualified service personnel or system installers.
- Do not block the ventilation opening or slots on the back.
- Do not drop metallic parts through slots. This could permanently damage the appliance. Turn the power off immediately and contact qualified service personnel for service.
- Contact qualified service personnel for maintenance. Handle the appliance with care. Do not strike or shake, as this may damage the appliance.
- Do not expose the appliance to water or moisture, not try to operate it in wet areas. Do take immediate action if the appliance becomes wet. Turn the power off and refer servicing to qualified service personnel. Moisture may damage the appliance and also cause electric shock.
- Do not use strong or abrasive detergents when cleaning the appliance body. Use a dry cloth to clean the appliance when it is dirty. When the dirt is hard to remove, use a mild detergent and wipe gently.
- Do not overload outlets and extension cords as this may result in a risk of fire or electric shock.
- **Read Instructions**
All the safety and operating instructions should be read before the unit is operated.
- **Retain Instructions**
The safety and operating instructions should be retained for future reference.
- **Heed Warnings**
All warnings on the unit and in the operating instructions should be adhered to.
- **Follow Instructions**
All operating and use instructions should be followed.
- **Cleaning**
Unplug the unit from the outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning

- **Attachments**
Do not use attachments not recommended by the product manufacturer as they may cause hazards.
- **Water and Moisture**
Do not use this unit near water—for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, near a swimming pool, in an unprotected outdoor installation, or any area which is classified as a wet location.
- **Servicing**
Do not attempt to service this unit by yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- **Power Cord Protection**
Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
- **Object and Liquid Entry**
Never push objects of any kind into this unit through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the unit.



ATTENTION! This is a class A product which may cause radio interference in a domestic environment; in this case, the user may be urged to take adequate measures.



Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures :

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.



This Product is RoHS compliant.



The information in this manual was current upon publication. The manufacturer reserves the right to revise and improve his products. Therefore, all specifications are subject to change without prior notice. Manufacturer is not responsible for misprints or typographical errors. Please read this manual carefully before installing and using this unit. Be sure to keep it handy for later reference.

TABLE OF CONTENTS

- 1 **Product Overview 1**
- 2 **Features..... 1**
- 3 **Package Content 1**
- 4 **Specification 2**
- 5 **Front View 3**
- 6 **Rear View 3**
- 7 **Top View..... 4**
- 8 **Easy HDD Assemblage Cage..... 5**

1 Product Overview

The **EDA450** is a 1U 4 bay solution that supports SATA (Serial ATA) interfaces. This system includes four 3.5" hard drive bays for Hard Drive drives, and supports SATA 6 Gb/s, with up to 6TB per hard drive. Designed to provide top performance, each individual hard drive is connected to DVR using the eSATA channel for SATA devices. With this design, the **EDA450** is the ideal storage solution for applications requiring high data throughput, availability, and flexibility in configuration.

2 Features

- 1U 19" form factor.
- Supports SATA I, SATA II and SATA III hard drive, with up to 6TB per hard drive
- Power and each HDD status LED
- Configure as individual SATA drive
- Four 3.5" drive bays
- SATA III compliant, 1.5 Gb/s, 3 Gb/s and 6 Gb/s

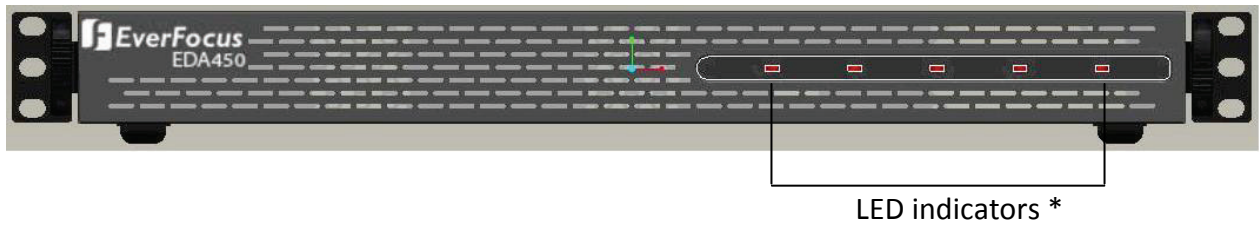
3 Package Content

- System Unit x 1
- Internal SATA cable x 4 and external eSATA cable x 1
- Power Cord x 1
- User's manual x 1
- Package of screws

Specification

Model	EDA450
Form Factor	1U 19"
HDD bays	4 x 3.5"
Maximum Capacity	24TB
Host Interface & Transfer Rate	eSATA (6 Gb/s)
Drive Interface	SATA I, SATA II and SATA III
Cooling Fan	2
Power Supply	150W x 1
Status Indicators	4 LEDs for HDD, Power LED
Dimensions	482mm (W) x 381mm (D) x 43mm (H) / 19" (W) x 15" (D) x 1.7" (H)
Weight	5.45kg / 12 LBS
Safety Regulations	CE / FCC

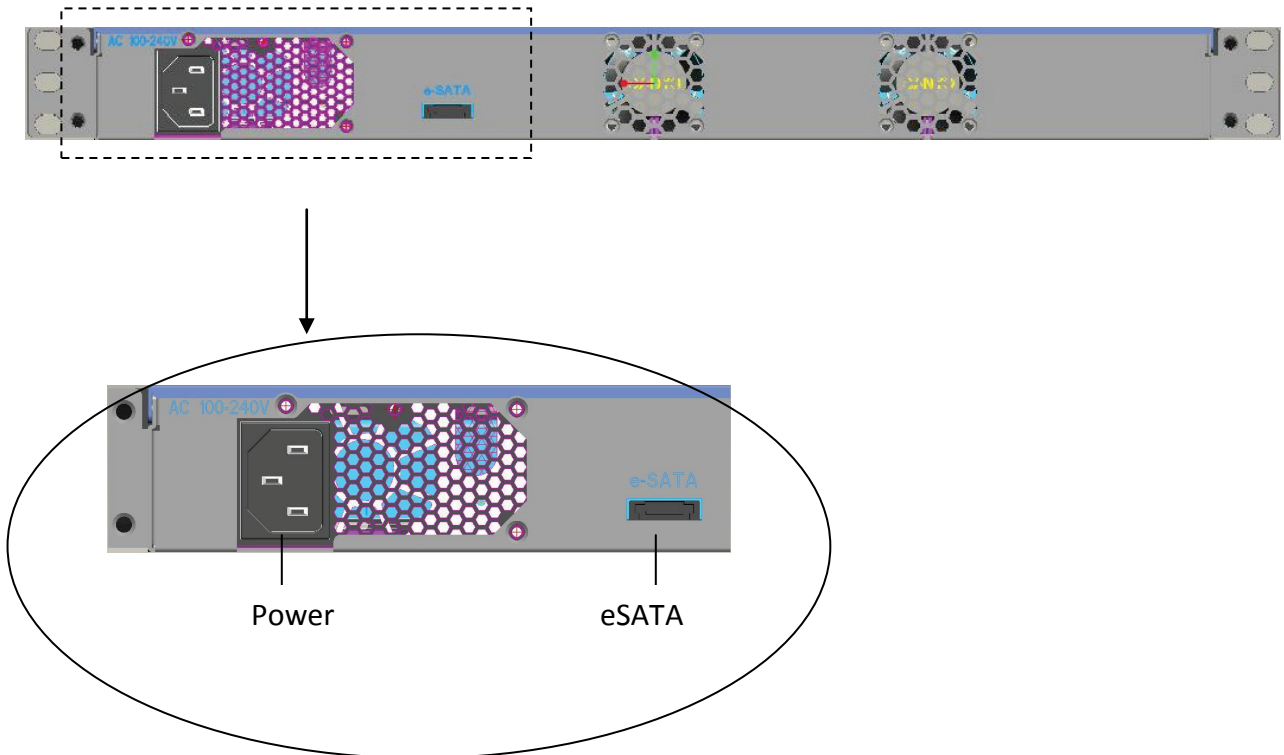
4 Front View



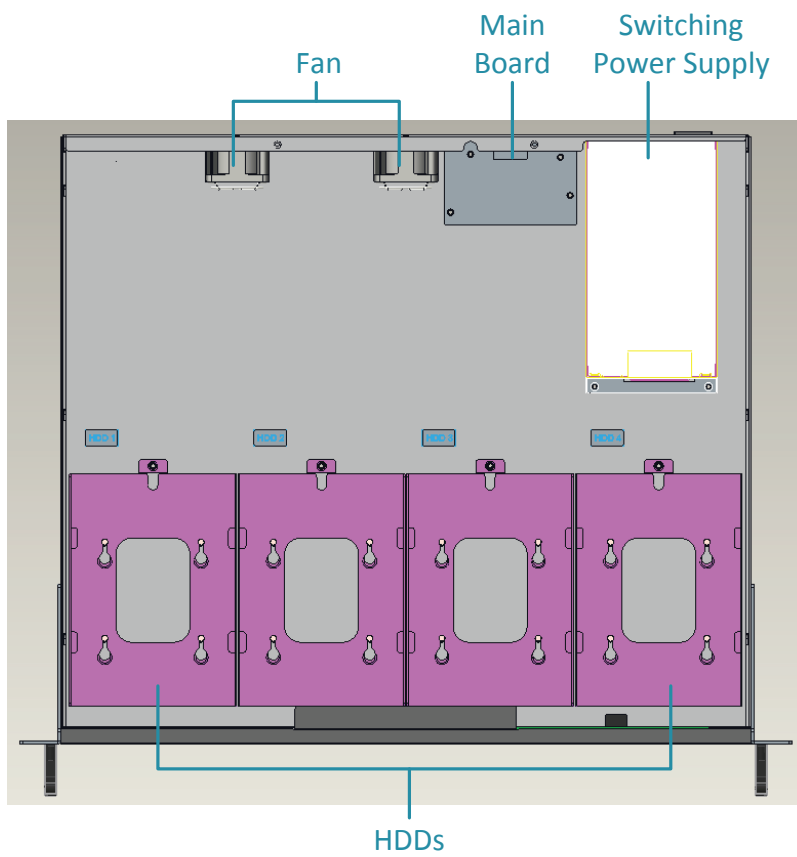
* LED indicators (from left to right):

Power	HDD1	HDD2	HDD3	HDD4
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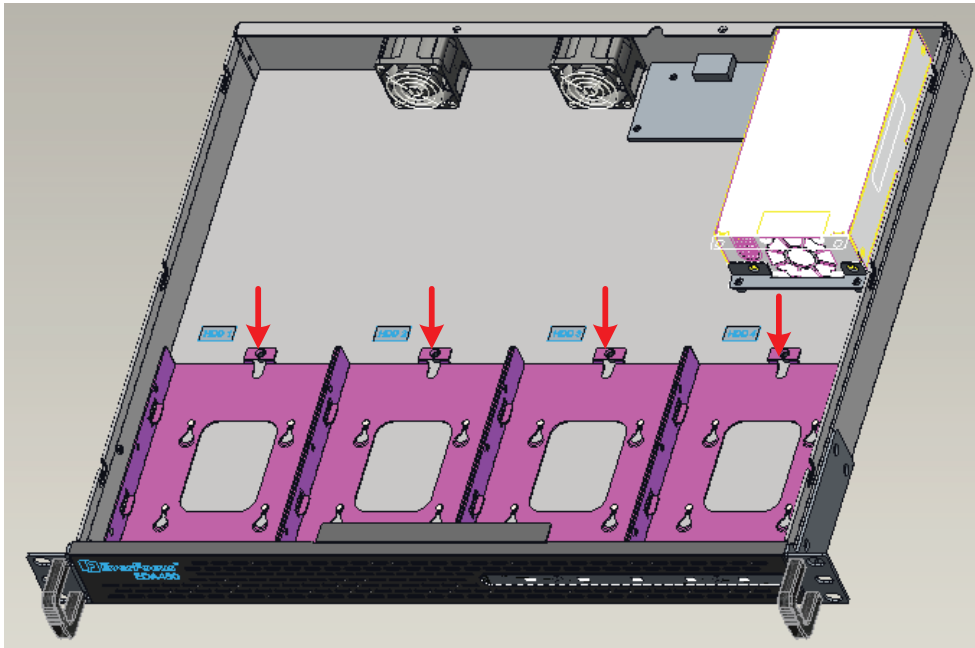
5 Rear View



6 Top View



7 Easy HDD Assemblage Cage



Screw the HDD to SATA bay as indicated by the arrows in the above figure.

Note:

1. EDA450 does not support DVR with hot-swappable model.
2. When installing the EDA450, power on the EDA450 before plug-in eSATA cable that connects to DVR.

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Ihr EverFocus Produkt wurde entwickelt und hergestellt mit qualitativ hochwertigen Materialien und Komponenten, die recycelt und wieder verwendet werden können. Dieses Symbol bedeutet, dass elektrische und elektronische Geräte am Ende ihrer Nutzungsdauer vom Hausmüll getrennt entsorgt werden sollen. Bitte entsorgen Sie dieses Gerät bei Ihrer örtlichen kommunalen Sammelstelle oder im Recycling Centre. Helfen Sie uns bitte, die Umwelt zu erhalten, in der wir leben!



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