SK-34A-S2
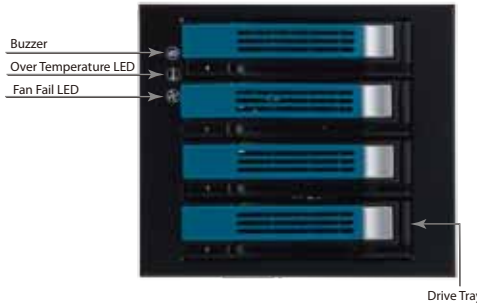
USER MANUAL

I. INTRODUCTION

1.1 Key Features
- 4 x 3.5" SAS and/or SATA hard disk drive (HDD) converted into 3 x 5.25" ODD
- 3Gb/s,6Gb/s and SGPIO interface compliance
- One SFF8087 mini SAS 4i connector
- Direct HDD Activity/Fault LEDs signal input
- HDD Activity LEDs directly from SAS/SATA HDD
- Buzzer alarm
- Power On, Fan Fail, Over Temperature LED indicator
- Temperature Controlled Fan

1.2 List of Components
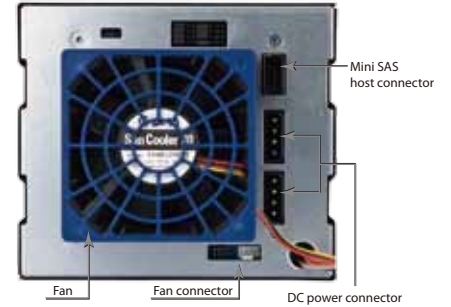The package contains the following items:
- One rear fan(8025mm)
- One set of 4 HDD trays
- Bag of mounting screws
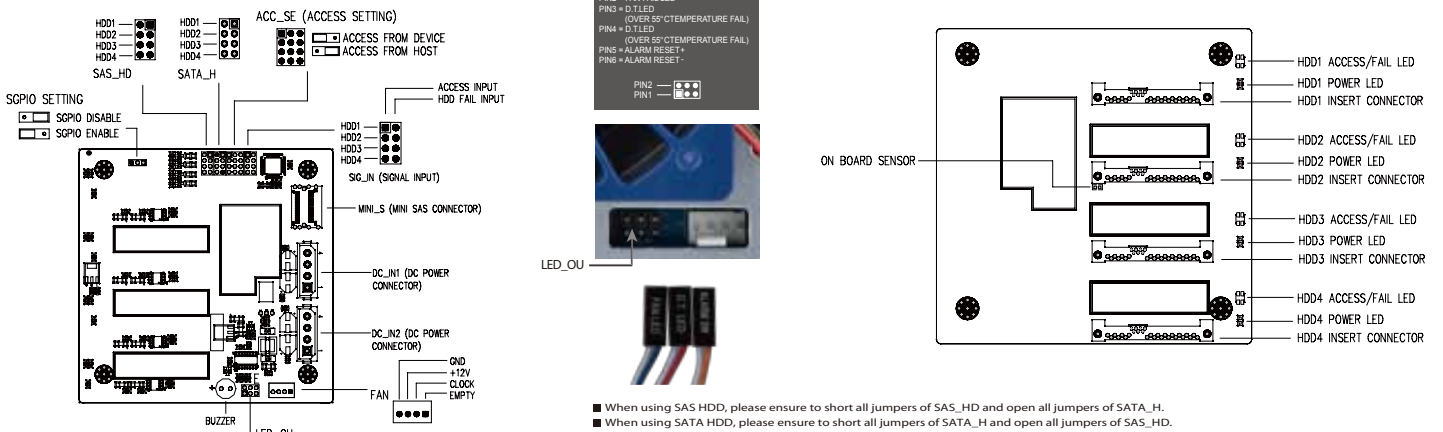- Two LED signal cables

1.3 Front Panel Features

Buzzer
Over Temperature LED
Fan Fail LED

Drive Tray

1.3.1 Front view of 3 to 4 storage kit

1.4 Rear Panel Features

Mini SAS host connector

Fan   Fan connector   DC power connector

1.4.1 Rear view of 3 to 4 storage kit

1.5 Backplane Setting / Configuration

HDD1
HDD2
HDD3
HDD4

SAS_HD   SATA_H

ACC_SE (ACCESS SETTING)
ACCESS FROM DEVICE
ACCESS FROM HOST

SGPIO SETTING
SGPIO DISABLE
SGPIO ENABLE

ACCESS INPUT
HDD FAIL INPUT

HDD1
HDD2
HDD3
HDD4

SIG_IN (SIGNAL INPUT)

MINI_S (MINI SAS CONNECTOR)

DC_IN1 (DC POWER CONNECTOR)

DC_IN2 (DC POWER CONNECTOR)

GND
+12V
CLOCK
EMPTY

FAN

BUZZER   LED_OU

PIN1 = FAN FAIL LED+
PIN2 = FAN FAIL LED-
PIN3 = D.T.LED
         (OVER 55°CTEMPERATURE FAIL)
PIN4 = D.T.LED
         (OVER 55°CTEMPERATURE FAIL)
PIN5 = ALARM RESET+
PIN6 = ALARM RESET-

PIN2
PIN1

LED_OU

ON BOARD SENSOR

HDD1 ACCESS/FAIL LED
HDD1 POWER LED
HDD1 INSERT CONNECTOR

HDD2 ACCESS/FAIL LED
HDD2 POWER LED
HDD2 INSERT CONNECTOR

HDD3 ACCESS/FAIL LED
HDD3 POWER LED
HDD3 INSERT CONNECTOR

HDD4 ACCESS/FAIL LED
HDD4 POWER LED
HDD4 INSERT CONNECTOR

- When using SAS HDD, please ensure to short all jumpers of SAS_HD and open all jumpers of SATA_H.
- When using SATA HDD, please ensure to short all jumpers of SATA_H and open all jumpers of SAS_HD.
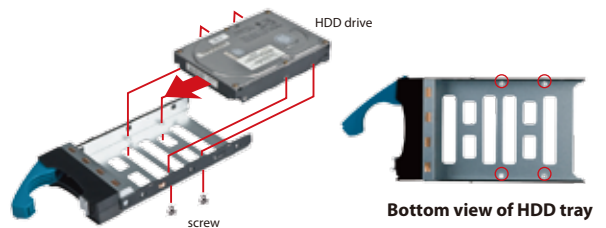
II. INSTALLATION

2.1 HDD Installation
1.Push the latch to the right with your thumb to release the handle.

2.Use the handle to gently pull the HDD tray from the drive bay.

3.Secure the HDD into the tray by using four mounting screws as shown below.

HDD drive

screw

Bottom view of HDD tray

4.Slide the HDD tray into the drive bay slot until the handle is locked.

5.Repeat the steps 1 to 5 for all remaining HDD trays.