

## SAS3 JBOD IEM Module Features

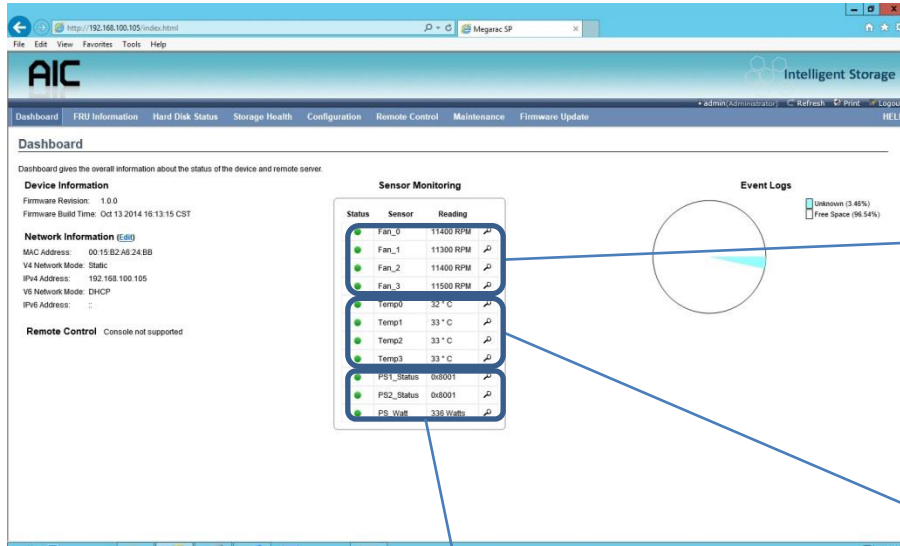


# IEM Features

- Monitor Enclosure Health:
  - Fans
  - Power Supply modules
  - Drives
- Remote Power management:
  - Enclosure
  - Individual drive bays (Power on, off and reset)
- Web GUI and Command Line (IPMI2.0)
- Dedicated BMC module
- Field Replaceable



# Dashboard



## Fan Status Monitoring

●	Fan_0	11400 RPM
●	Fan_1	11300 RPM
●	Fan_2	11400 RPM
●	Fan_3	11500 RPM

## PSU Status

●	PS1_Status	0x8001
●	PS2_Status	0x8001
●	PS_Watt	336 Watts

## System Temp. Monitoring

●	Temp0	32 ° C
●	Temp1	33 ° C
●	Temp2	33 ° C
●	Temp3	33 ° C



# Sensor Selection

The screenshot shows a web browser window with the URL `http://192.168.100.105/index.html` and a search bar containing "Megarac SP". The browser's menu bar includes "File", "Edit", "View", "Favorites", "Tools", and "Help".

The web application header features the "AIC" logo on the left and "Intelligent Storage" on the right. Below the header is a navigation menu with the following items: "Dashboard", "FRU Information", "Hard Disk Status", "Storage Health", "Configuration", "Remote Control", "Maintenance", "Firmware Update", and "HELP". The user is logged in as "admin(Administrator)".

### Sensor Readings

All sensor related information will be displayed here. Double click on a record to toggle (ON / OFF) the live widget for that particular sensor.

All Sensors ▼ Sensor Count: 11 sensors

Sensor Name <span>▲</span>	Status <span>▲</span>	Current Reading <span>▲</span>
Fan_0	Normal	11200 RPM
Fan_1	Normal	11400 RPM
Fan_2	Normal	11400 RPM
Fan_3	Normal	11300 RPM
Temp0	Normal	31 ° C
Temp1	Normal	32 ° C
Temp2	Normal	31 ° C
Temp3	Normal	31 ° C
PS1_Status	Presence Detected	0x8001
PS2_Status	Presence Detected	0x8001
PS_Watt	Normal	336 Watts

#### Fan\_0: 11200 RPM NORMAL

Thresholds for this sensor LIVE WIDGET OFF | [ON](#)

Lower Non-Recoverable (LNR):	2400 RPM	Upper Non-Recoverable (UNR):	0 RPM
Lower Critical (LC):	3200 RPM	Upper Critical (UC):	0 RPM
Lower Non-Critical (LNC):	0 RPM	Upper Non-Critical (UNC):	0 RPM

[Threshold Settings](#)

#### Graphical View of this sensor's events

LNR	(0)				
LC	(0)				
LNC	(0)				
UNR	(0)				
UC	(0)				
UNC	(0)				



# Remote Enclosure Power Management

http://192.168.100.105/index.html

Megarac SP

File Edit View Favorites Tools Help

## AIC

Dashboard FRU Information Hard Disk Status Storage Health Configuration Remote Control Maintenance Firmware Update

### Power Control and Status

The current storage power status is shown below. To perform a power control operation, select one of the options below and press "Perform Action".

Host is currently on

- Reset Expander
- Power Off Storage
- Power On Storage
- Power Cycle Storage



# Intelligent Drive Power management

The screenshot shows a web browser window displaying the AIC Intelligent Storage management interface. The browser address bar shows the URL `http://192.168.100.105/index.html` and the page title is "Megarac SP". The interface features a navigation menu with the following items: Dashboard, FRU Information, **Hard Disk Status**, Storage Health, Configuration, Remote Control, Maintenance, and Firmware Update. The user is logged in as "admin(Administrator)".

### Hard Disk Manager

**Power Control**

Hard Disk Power Control

HDD1 HDD2 HDD3 HDD4 HDD5 HDD6 HDD7 HDD8  
HDD9 HDD10 HDD11 HDD12 HDD13 HDD14 HDD15 HDD16  
HDD17 HDD18 HDD19 HDD20 HDD21 HDD22 HDD23 HDD24

