

## Your reliable integrated video surveillance solutions

### How to check hard disk's health status?

Answer:

#### S.M.A.R.T. Test

Click **Maintain > HDD > S.M.A.R.T. Test** to do S.M.A.R.T. test.

S.M.A.R.T. (enabled by default) checks the head, platter, motor, and circuit of hard disks to evaluate their health status. The overall evaluation results include **Healthy**, **Failure**, and **Bad Sectors**. It is recommended to replace the disk immediately if the status is **Failure**.

Continue to use the disk when it fails to pass evaluation.

Select Disk	Slot2
Test Type	Short
Test Status	Not tested
Vendor	SEAGATE
Model	ST2000VX000-3YW1CV12
Disk Temperature(°C)	39
Operation Time(day)	804
Self-Evaluation	Pass
Overall Evaluation	Healthy

ID	Attribute Name	Status	Flag	Threshold	Value	Worst	Raw Value
1	Raw_Read_Error_Rate	Healthy	0x000f	6	115	99	85936664
3	Spin_Up_Time	Healthy	0x0003	0	96	94	0
4	Start_Stop_Count	Healthy	0x0032	20	100	100	354
5	Reallocated_Sector_Count	Healthy	0x0033	36	100	100	0
7	Seek_Error_Rate	Healthy	0x000f	30	85	60	36859343
9	Power_On_Hours	Healthy	0x0032	0	78	78	19310
10	Spin_Retry_Count	Healthy	0x0013	97	100	100	0
12	Power_Cycle_Count	Healthy	0x0032	30	100	100	141

Test    Pass    Back

Note: Some hard disks only support some of the test items.

Note: The system provides three test types: Short, Extended, and Conveyance. Extended tests detect more thoroughly and thus take longer time than Short tests. Conveyance tests mainly detect data transmission problems.

Note: Using a faulty disk is risky. Faulty disks should be replaced immediately. Contact your local dealer for information about hard disks.

## Bad Sector Detection

Bad sector detection checks for bad sectors in hard disks.

1. Click **Maintain > HDD > Bad Sector Detect**.



2. Select the desired disk and detection type, and then click **Detect** to start detection. Click **Stop** if you want to stop.



Note: The detection stops automatically when the error count reaches 100.

### TAGS:

S.M.A.R.T. Test, bad sector detection, disk management, disk health status



**"Your Reliable Integrated Video Surveillance Solutions Provider"**

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