

## Network Video Recorder Technical Bulletin

### Power Consumption of Enterprise Network Video Recorder Series

#### 1. Power Dissipation

**Table 1: Power Dissipation and Advertisement**

ITEM	Product	HW REVISION	SW REVISION	Power Adapter (12VDC)			
				Without HDD State	With HDDs State		MAX POWER CONSUMPTION
				Power (W)	State	Power (W)	Power (W)
1	GVR3550	V1.4A	1.0.0.62	4.2740W	2HDDs	14.6716W	65.994W
					4HDDs	22.6670W	

**Note:**

- 1). The hard disk used in the test is Seagate brand (ST1000DM003).
- 2). In "With HDDs State" mode, the HDDs is in read or write mode.
- 3). In "MAX POWER CONSUMPTION" mode, the HDDs is in boot mode.

#### 2. Test Condition Terminology

The following test condition terminology is used in Table 1

• **Without HDD State**

- The NVR has completed the boot-up process.
- The idle screen was shown on the VGA Display.

• **With HDDs State**

- The NVR was setup in video mode.
- The NVR was connected with 16 road IP camera.
- The NVR was connected HDDs to save the video.

• **Power Not to Exceed**

- NVR work condition: All Indicator Camera and HDDs.
- External USB (500mA+ 1000mA) device in Max Power.
- 16 road channel decoding video surveillance video.
- The NVR is connected with 4 HDD.