

## How to config and query recording in K2000

Tiandy Technical Support Team 1/2/2022

### Description

Manual to introduce how to configure storage of K2000/K1000

### Prerequisites

- K2000/K1000
- IP Camera or NVR

### Set up steps

#### 1. RAID Configuration

- Install HDD to the K2000
- Login the Easy7 Platform , Go to System-RAID Manage menu, click the RAID icon, open the RAID setting page

The screenshot shows the Tiandy CMS interface. The top navigation bar includes 'More menus' and 'System'. The main content area displays a RAID configuration page. The left sidebar has 'RAID Manage' highlighted. The main content area shows a RAID configuration table with columns for Slot, Drive, Capacity, Array name, Type, Whether certified, SMART, Model, Whether formatted, and Operate. A table with one row is visible, showing a single drive in slot 0:1.

Slot	Drive	Capacity (GB)	Array name	Type	Whether certified	SMART	Model	Whether formatted	Operate
0:1	sd0	2000.40GB		Common disk	Not certified	Good	ST2000DM001-1CH164	No	Initialize disk Detection

Total slot number: 8 Have hard disk: 1 No hard disk: 7

### c) Initialize the Disk

The screenshot shows the 'Disk information' page in the Tiandy RAID management interface. A table lists the available disks. The 'Operate' column for the first disk (Slot 0:1) has an 'Initialize' button highlighted with a red box and a red arrow pointing to it.

Slot	Drive	Capacity (GB)	Array name	Type	Whether certified	SMART	Model	Whether formatted	Operate	
<input checked="" type="checkbox"/>	0:1	sdb	2000.40GB		Common disk	Not certified	Good	ST2000DM001-1CH164	No	Initialize

Below the table, a loading spinner is visible with the text: "Loading, please wait a moment". At the bottom right, it says: "Total slot number: 8 Have hard disk: 1 No hard disk: 7".

### d) Verify the HDD

The screenshot shows the 'Disk information' page after verification. The 'Whether certified' column for the first disk is now 'Certified', highlighted with a red box and a red arrow.

Slot	Drive	Capacity (GB)	Array name	Type	Whether certified	SMART	Model	Whether formatted	Operate	
<input type="checkbox"/>	0:1	sdb	2000.40GB		Common disk	Certified	Good	ST2000DM001-1CH164	Yes	Initialize disk Detection

### e) Create Array as you need.

The screenshot shows the 'Create array' dialog box open in the Tiandy RAID management interface. The 'Create array' button in the top left is highlighted with a red box. The dialog box contains the following configuration:

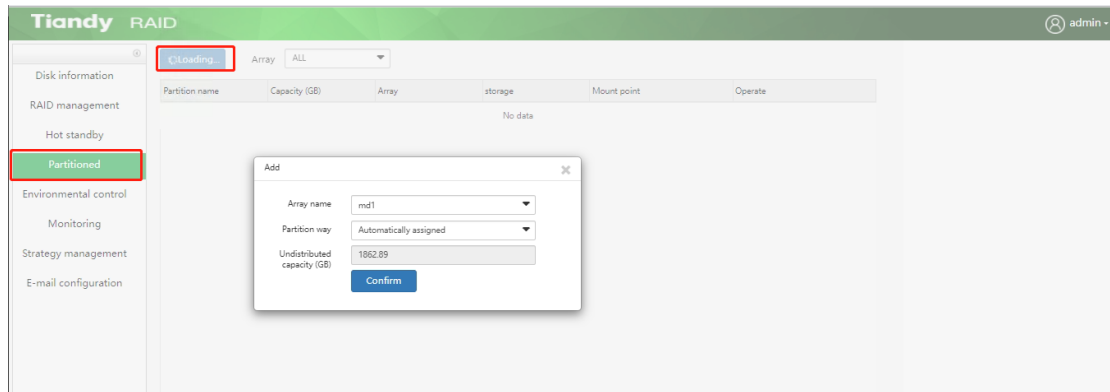
- Array name: md1
- Array type: Raid0
- Memory block: 16 KB
- IO mode: Database mode
- Array capacity: 1863.02 GB
- Disk group: Disk group0
- Stream storage: Stream sto

The dialog box also includes a table for selecting disks:

<input checked="" type="checkbox"/>	Slot	Capacity (GB)	Model
<input checked="" type="checkbox"/>	0:1	2000.40GB	ST2000DM001-1CH164

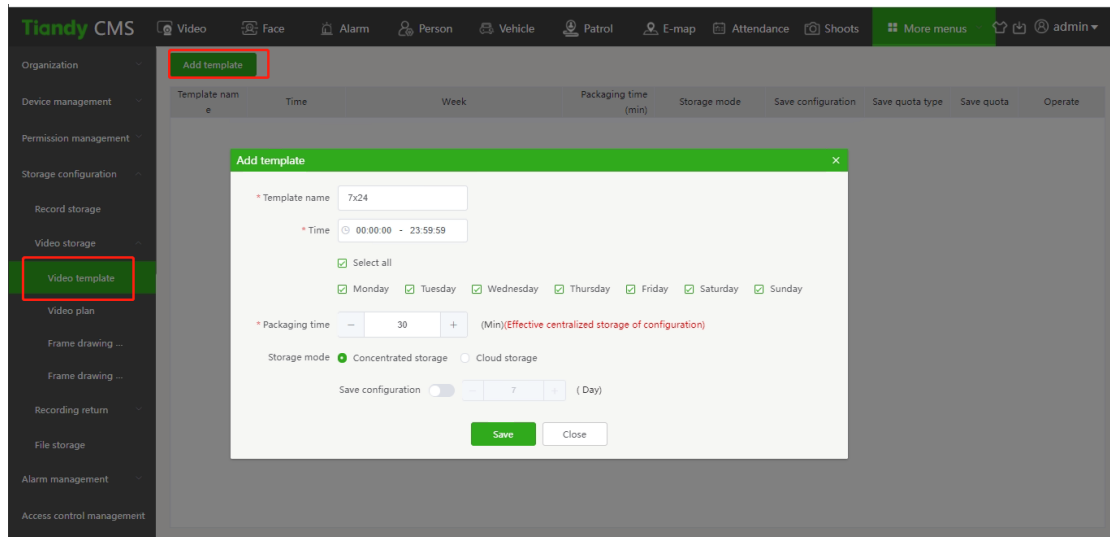
A 'Confirm' button is located at the bottom of the dialog box.

## f) Add Partition

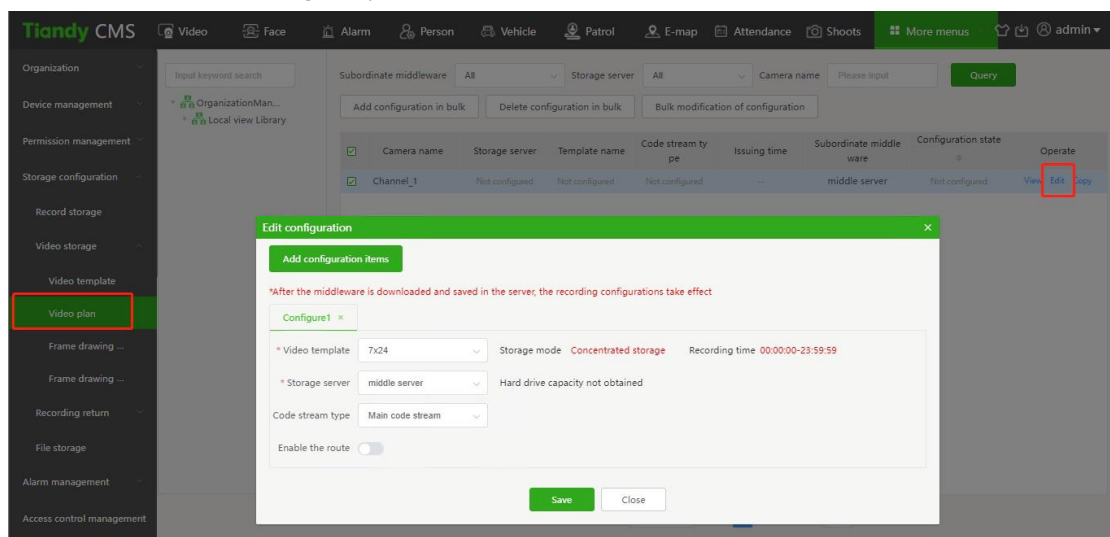


## 2. Recording Template Configuration

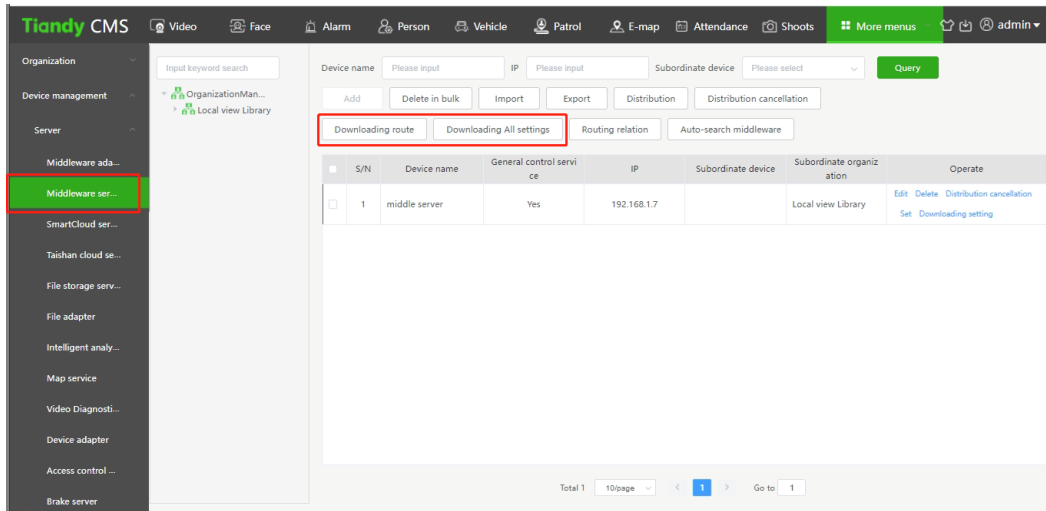
### a) Create recording template



### b) Set the recording template for the IPC device

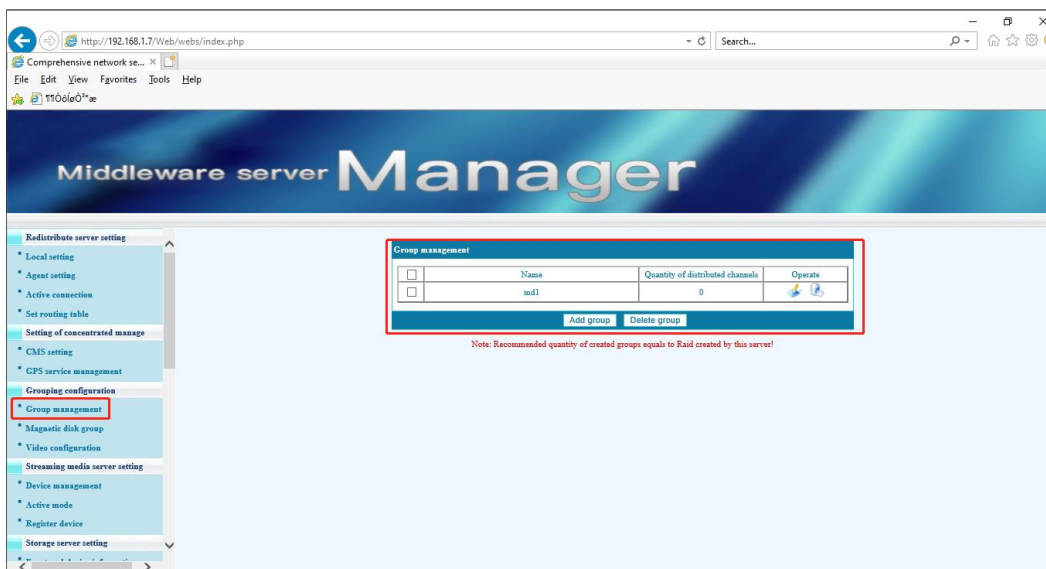


c) Go back the middleware server menu, download rout and setting

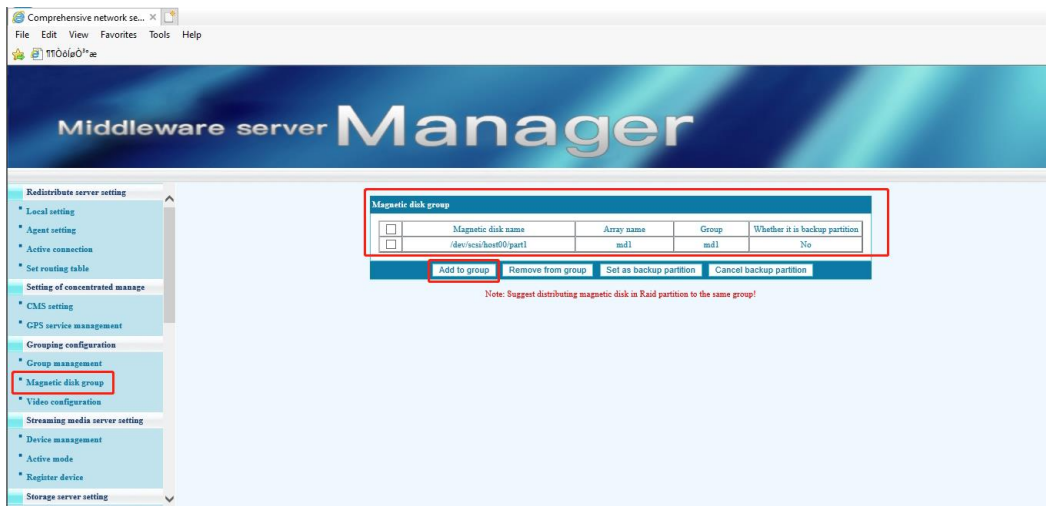


3. Login the Middleware Page by IE: <http://192.168.1.7>

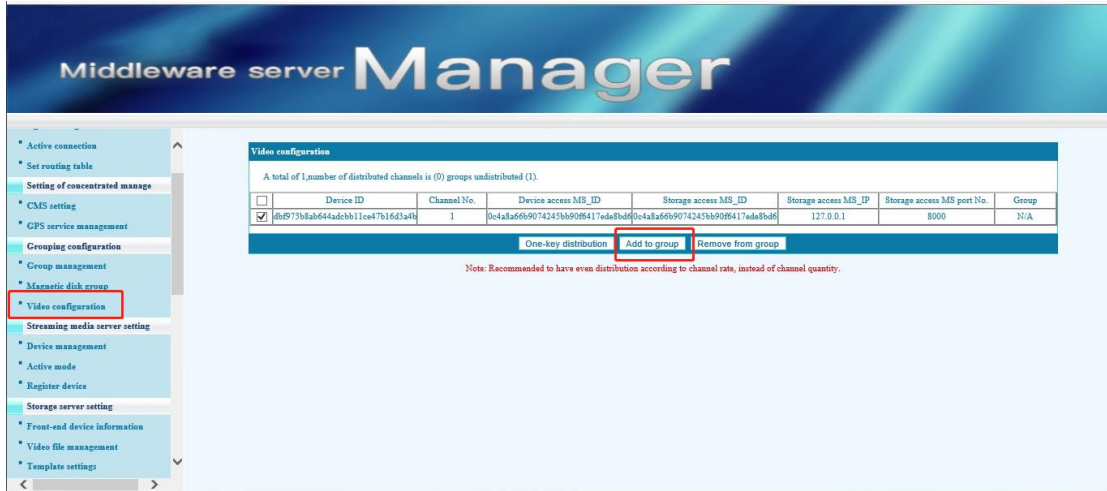
a) Add group



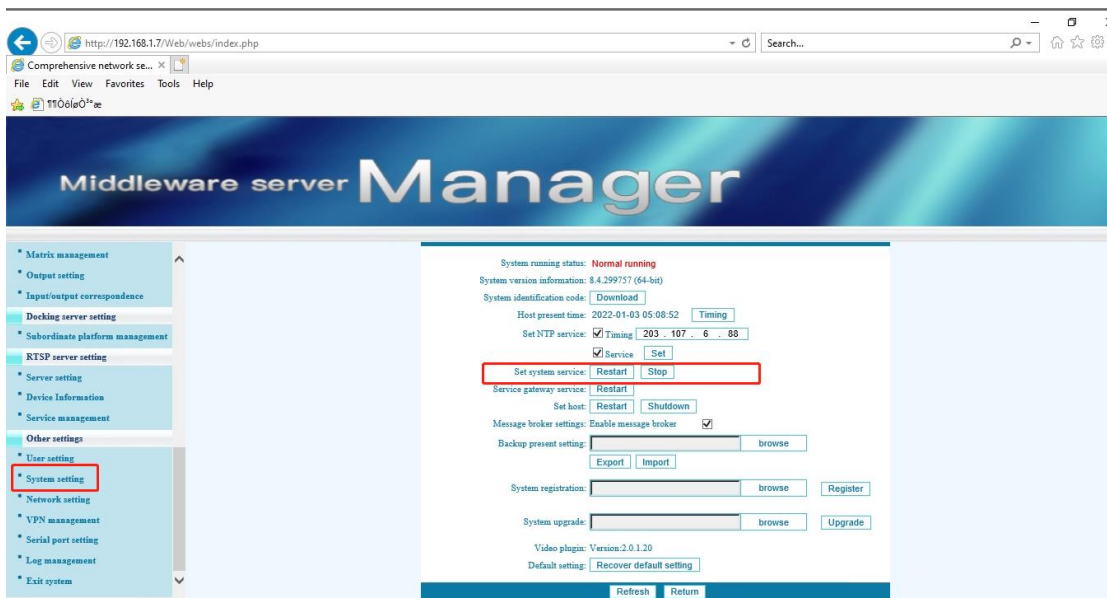
b) Add disk to Group



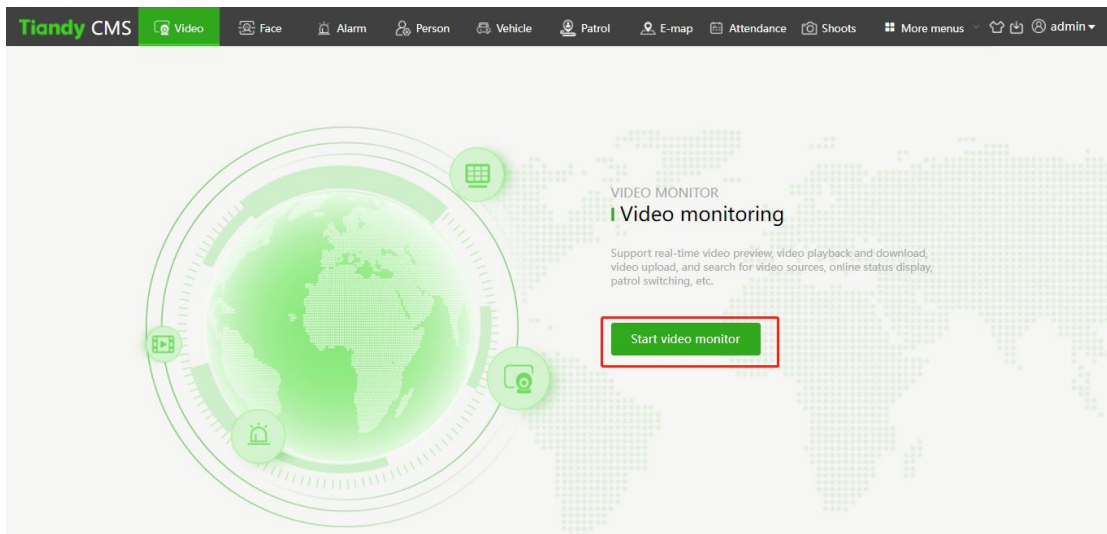
c) Add Camera Channel to Group



d) Restart the Middleware system service



4. Check the Playback



Video Monitor Client    Video Preview    Video playback    admin 00:42:31

Device list

Status: **Unlimited** Online Offline

- OrganizationManagement[Total:1/]
- Local view Library[Total:1/Online]
  - Channel\_1**

Query

Video type: All

Time section selection


2022-01-03 00:00:00  
2022-01-03 23:59:59

Advanced options

**Query**

Query result

Channel\_1



2022-01-03 05:10:14

23:10:05 00:10:05 01:10:05 02:10:05 03:10:05 04:10:05 05:10:05 06:10:05 07:10:05 08:10:05 09:10:05 10:10:05 11:10:05

speed 1/16 1/8 1/4 1/2 1 2 4 8 16

