



Optex and Dahua Pro series NVR Guidance

2020-8-31

Revision History

No.	Revision content	Release time	Version	Author
1	The first version	2019-8-22	V1.0.0	Flora
2	Firmware, functions update	2020-8-31	V1.0.1	Flora



Prerequisites

Dahua Pro Series NVR



Series: DHI- NVR5XXX-4KS2

TEMP_Customer_NVR5XXX-4KS2_MultiLang_Optex_V4.001.151Z000.0.T.201030








Optex supported versions

-  REDSCAN: RLS2020 Version, 2.0b (19Feb2018); RLS3060(8.3.0.0)
-  PIE-1: version 1.2.0

Browser compatibility for the PIE-1

-  Integration accessible via the web interface
-  Internet explorer 8 or 9, Chrome version: 85.0.4183.83

Integration features

-  Report alarm-area data
-  Diagnose Tamper/Trouble Sensor events
-  Heartbeat monitoring (Device online/offline monitoring)
-  Alarm + Camera linkage action
-  PTZ linkage
-  Event logging
-  Storage schedule

Optex configuration

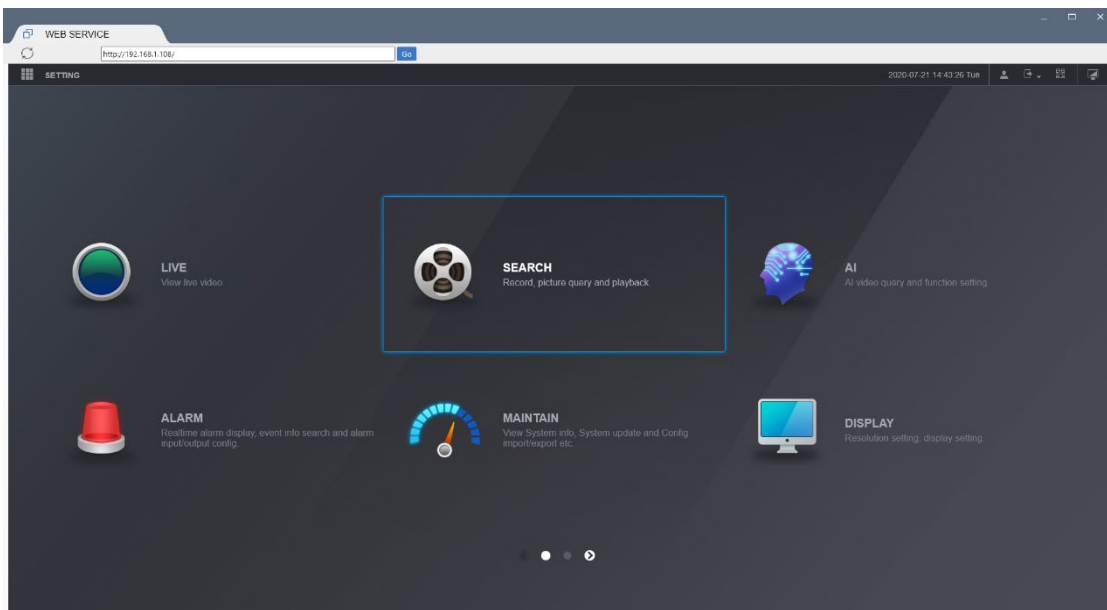
1. Open the webpage of Redscan/PIE-1 by entering their address, then enter account and password, click login;
2. Set the address of Dahua NVR on Redscan/PIE-1.

Redscan:

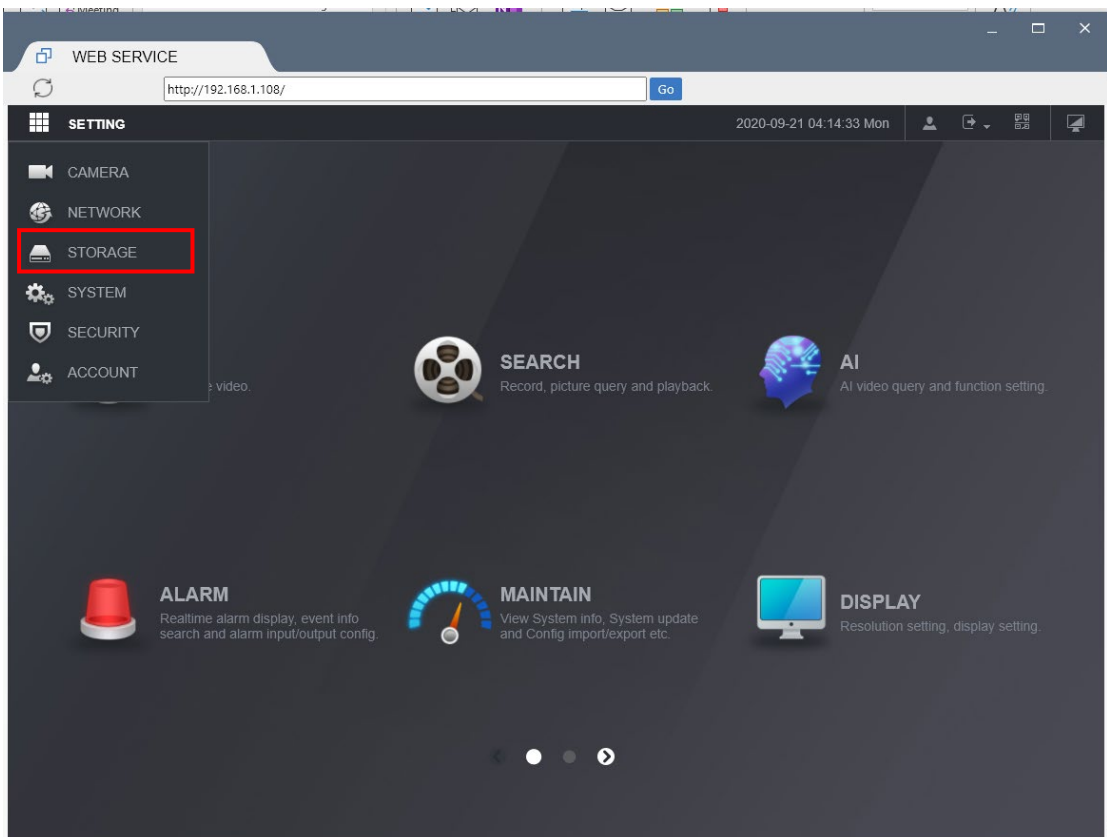
PIE-1:

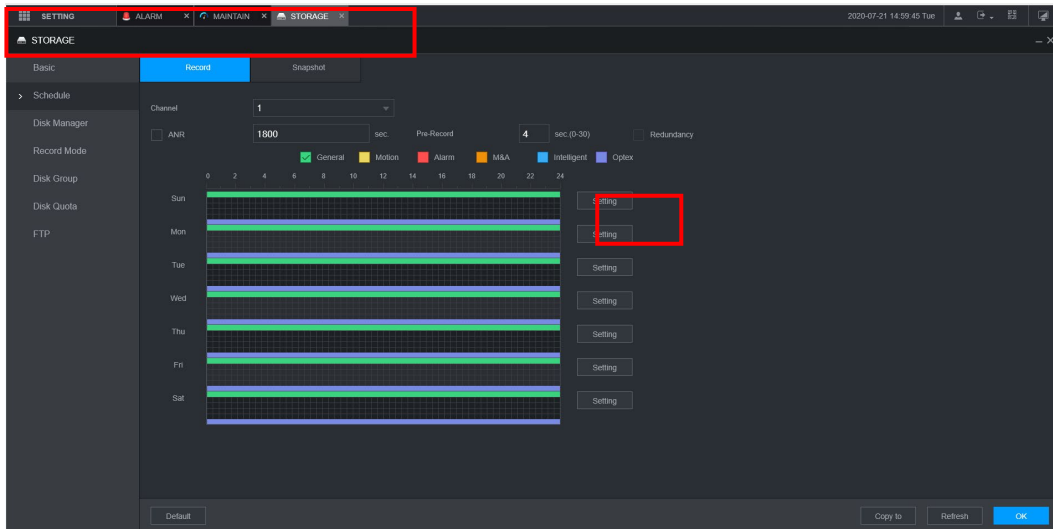
Dahua NVR configuration

1. Open the home page of NVR:

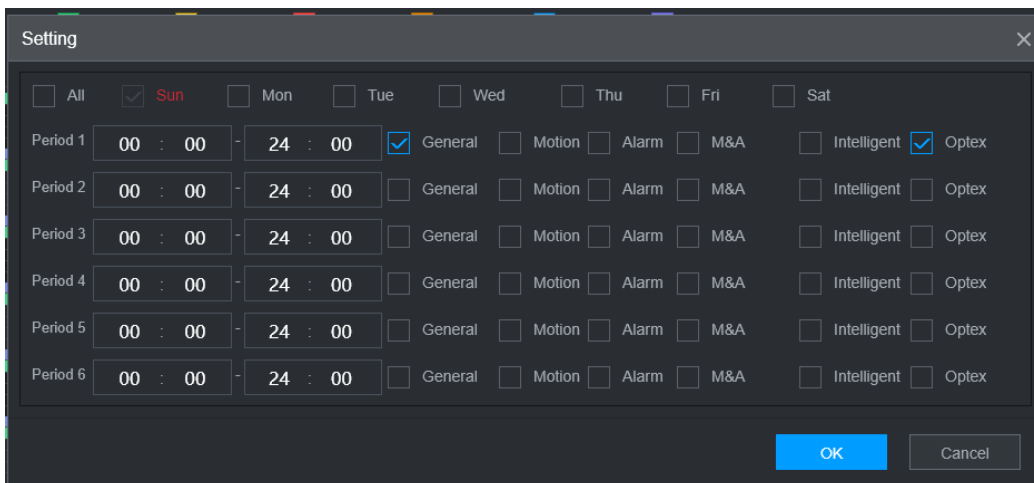


2. Enter the STORAGE from the home page of the NVR,

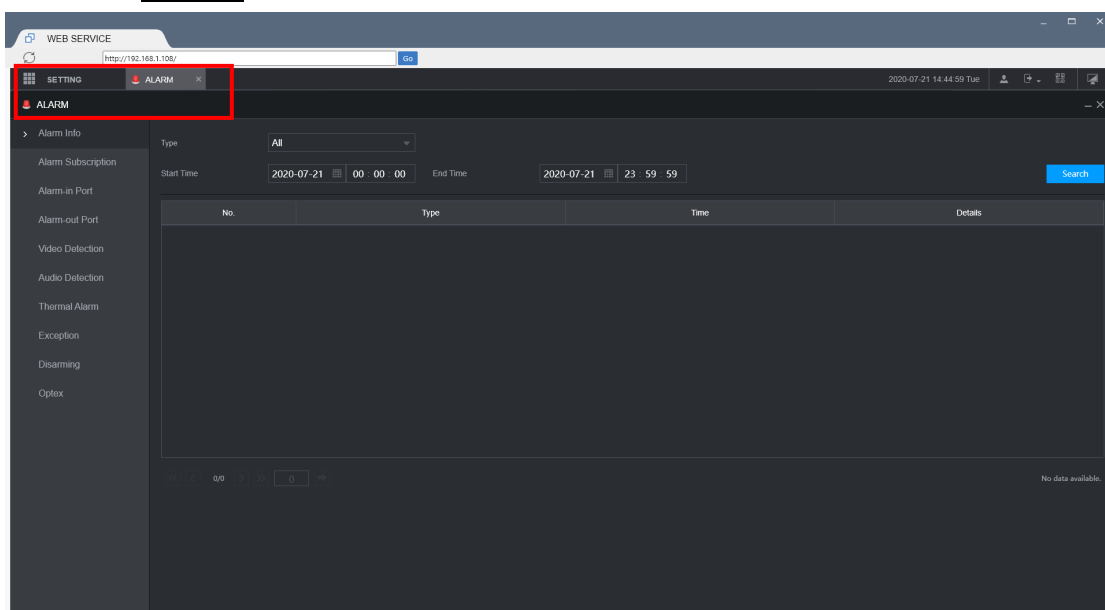




Click Setting to set the storage schedule, select Optex,

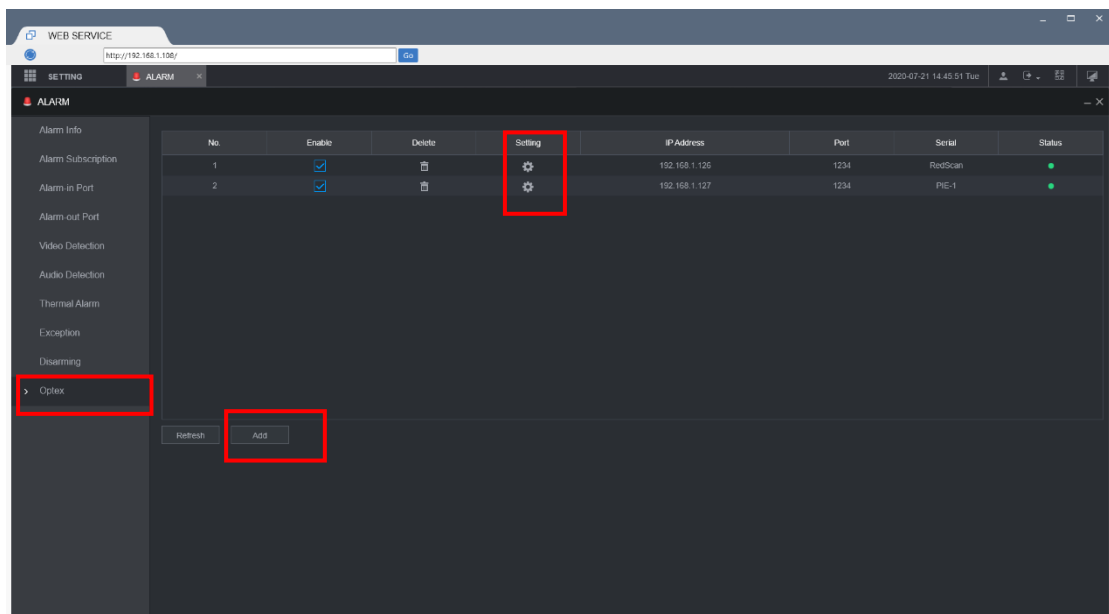
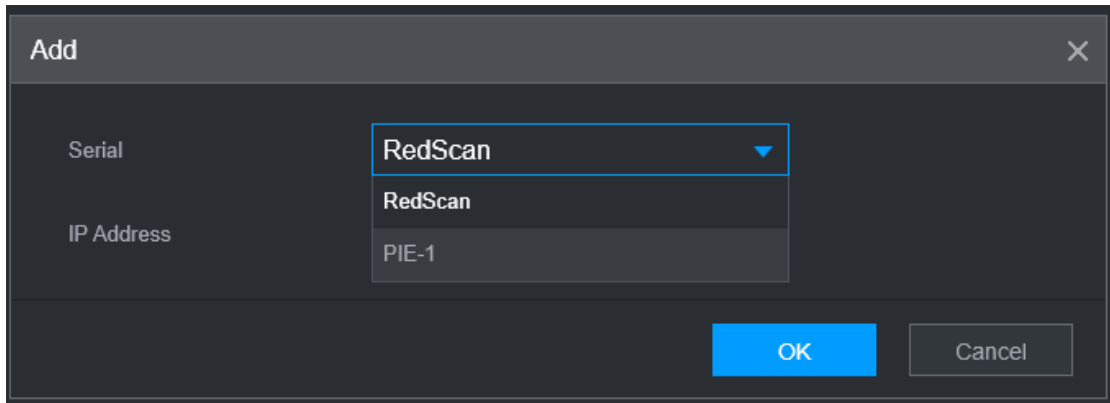


3. Click ALARM to enter the alarm home screen:

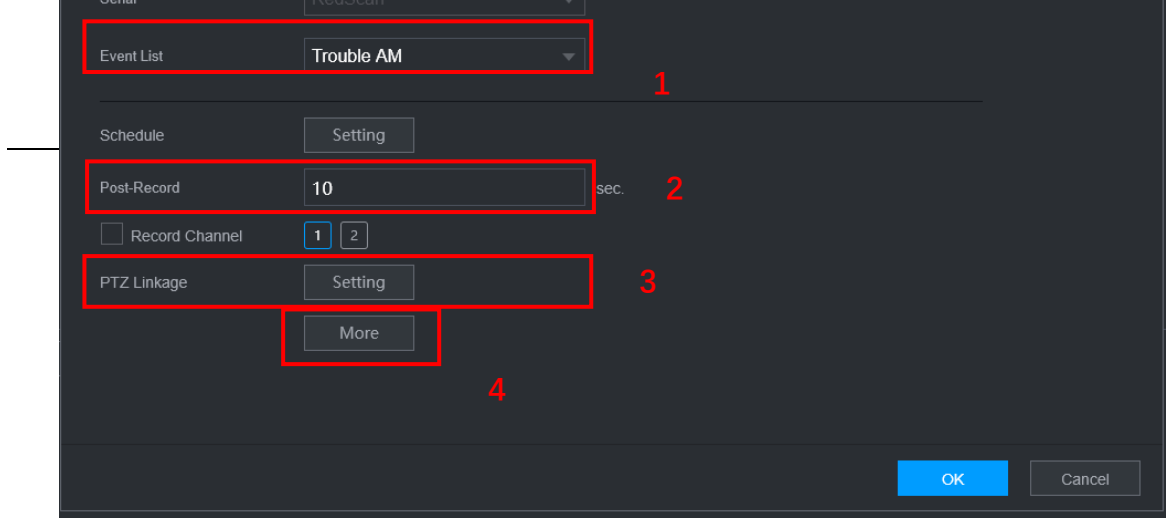


4. Click OPTEX on the left side menu, then click Add to add Optex devices,

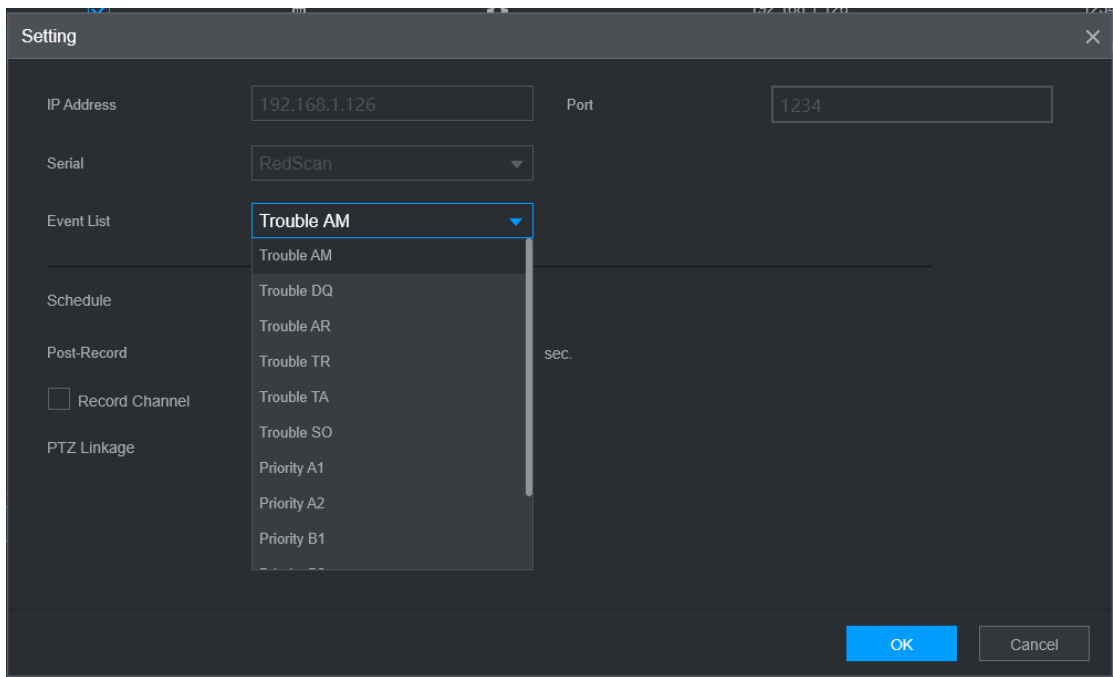
the devices details will be displayed on this page, including the IP, Port, Serial and Status:



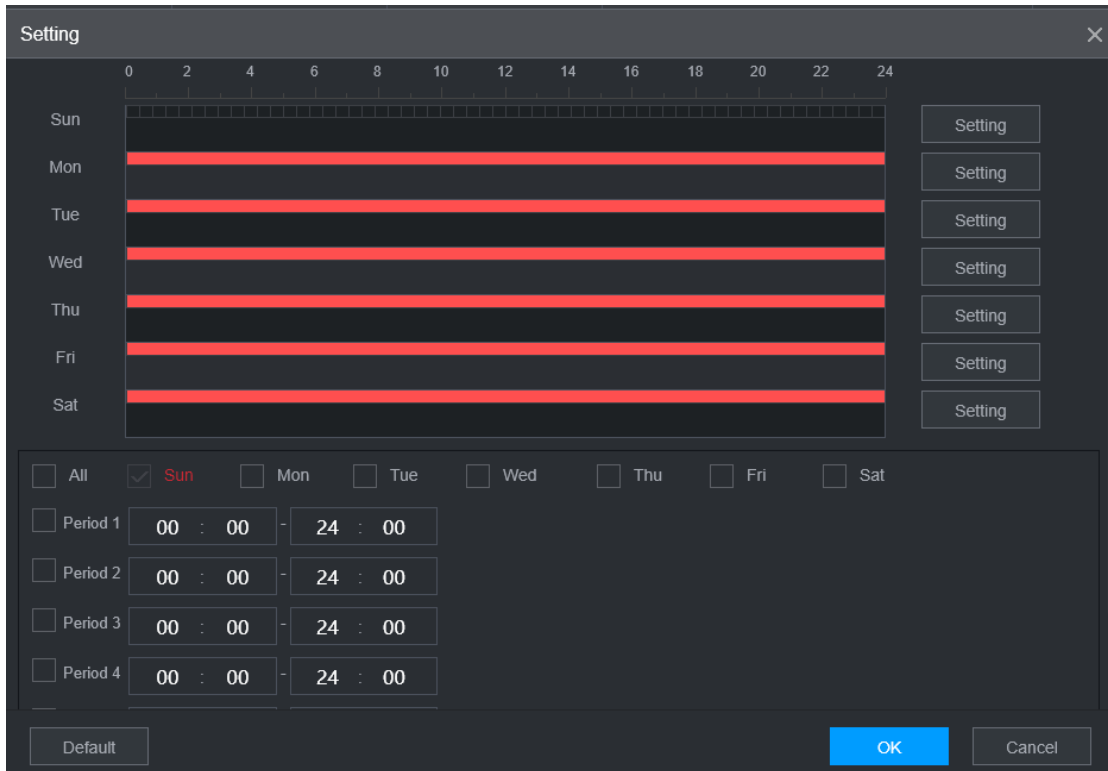
5. **RedScan settings:** click the setting button of RedScan,



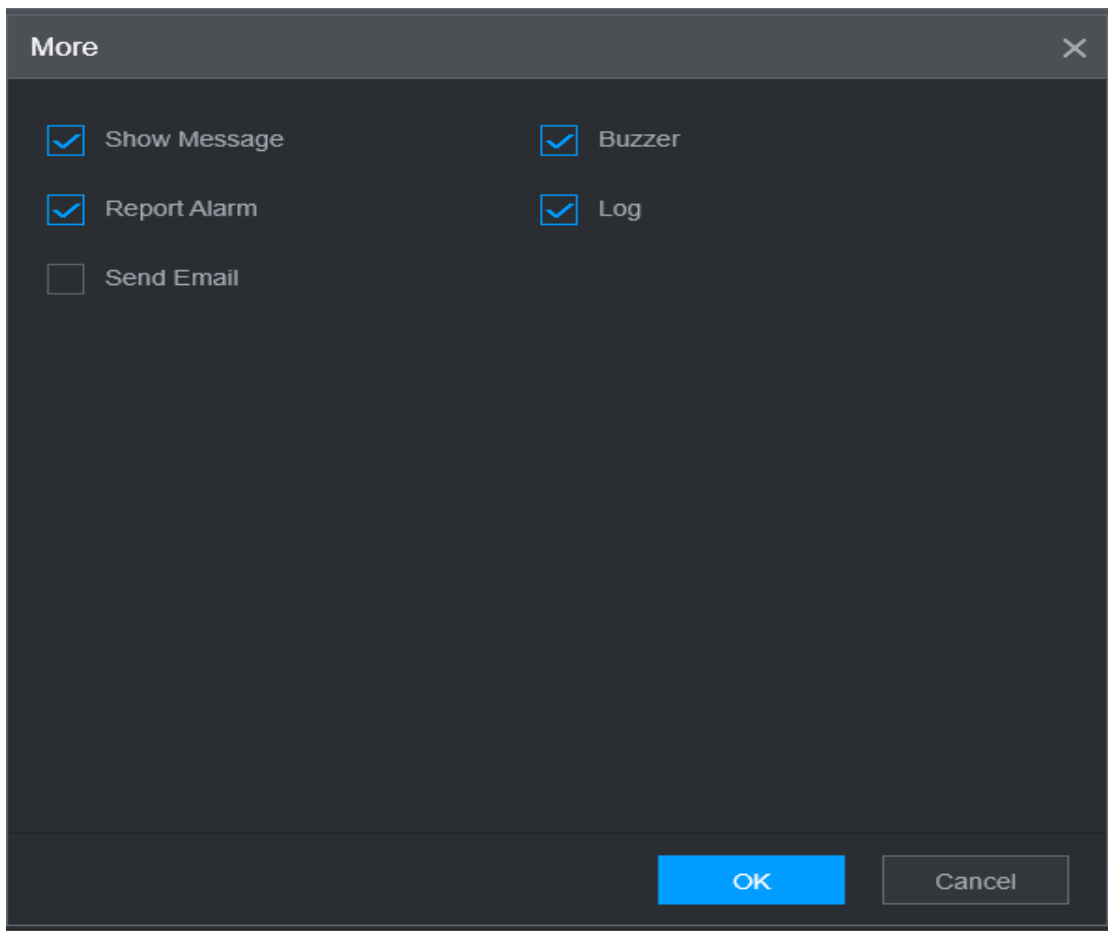
Here is the Event List of RedScan:



Click Schedule Setting to set the monitor schedule:



Click [More](#) for other settings:



6. **PIE-1 settings:** click PIE-1 button for the configuration, then choose the product series of PIE-1:

Redwall:

Setting

IP Address: 192.168.1.127 Port: 1234

Serial: PIE-1 Model: PIE-1&Redwall

Event List: Trouble TA

Schedule: Setting

Post-Record: 10 sec.

Record Channel: 1 2

PTZ Linkage: Setting More

OK Cancel

Beams:

Setting

IP Address: 192.168.1.127 Port: 1234

Serial: PIE-1 Model: PIE-1&Beams

Event List: Trouble TA

Schedule: Setting

Post-Record: 10 sec.

Record Channel: 1 2

PTZ Linkage: Setting More

OK Cancel

Fiber:

Setting

IP Address	192.168.1.127	Port	1234
Serial	PIE-1	Model	PIE-1&Fiber
Event List	Trouble TA		

Schedule

Post-Record sec.

Record Channel

PTZ Linkage