

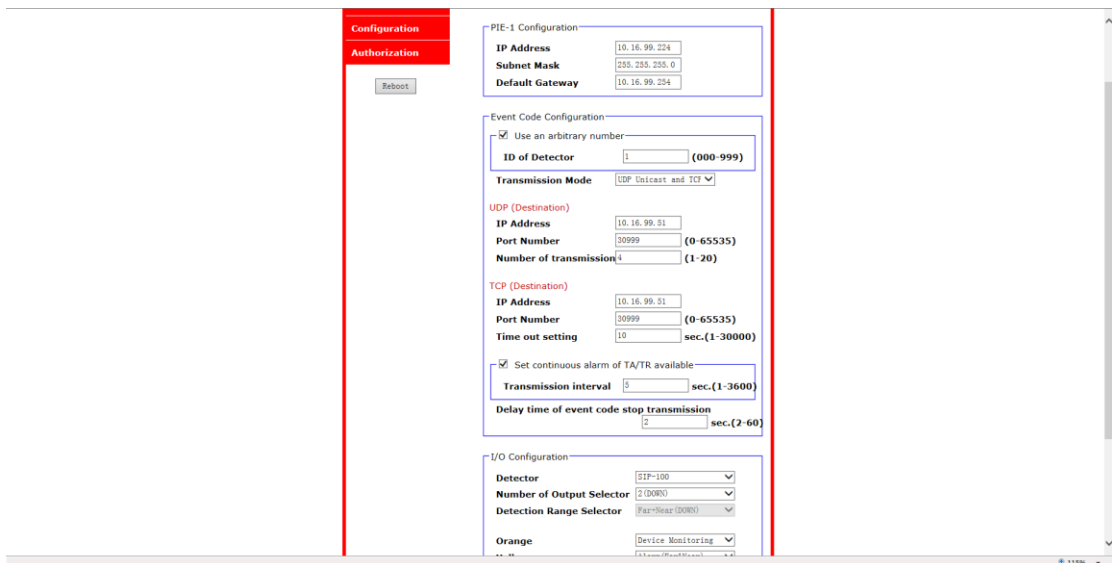
HIKVISION

Solution between Hikvision NVR and OPTEx

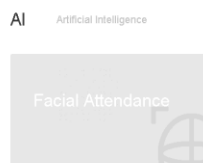
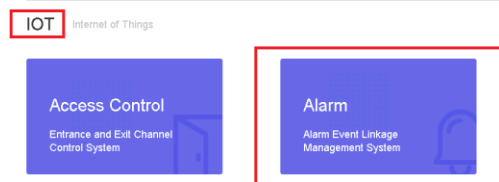
Due to increase of market demand, Hikvision have integrated OPTEX detector into baseline V4.21.000 or above of Hikvision NVR.

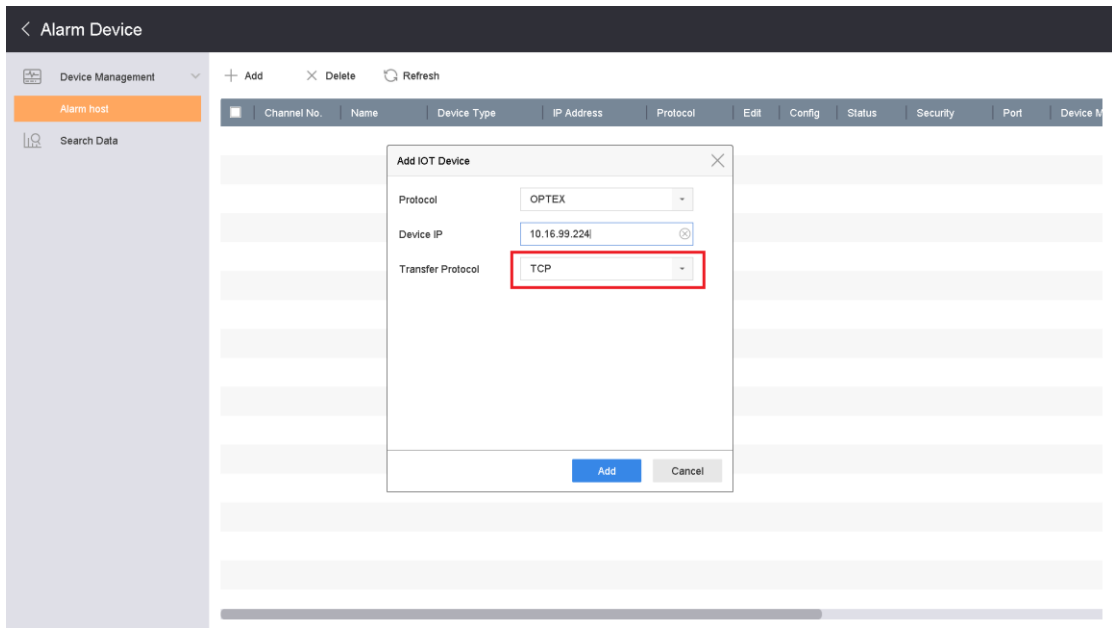
Configuration of OPTEX detector

- 1) After OPTEX detector is powered on, configure network parameter of OPTEX device, such as via REDSCAN Manager software.
- 2) Input IP+PORT of NVR to receive alarm from OPTEX.

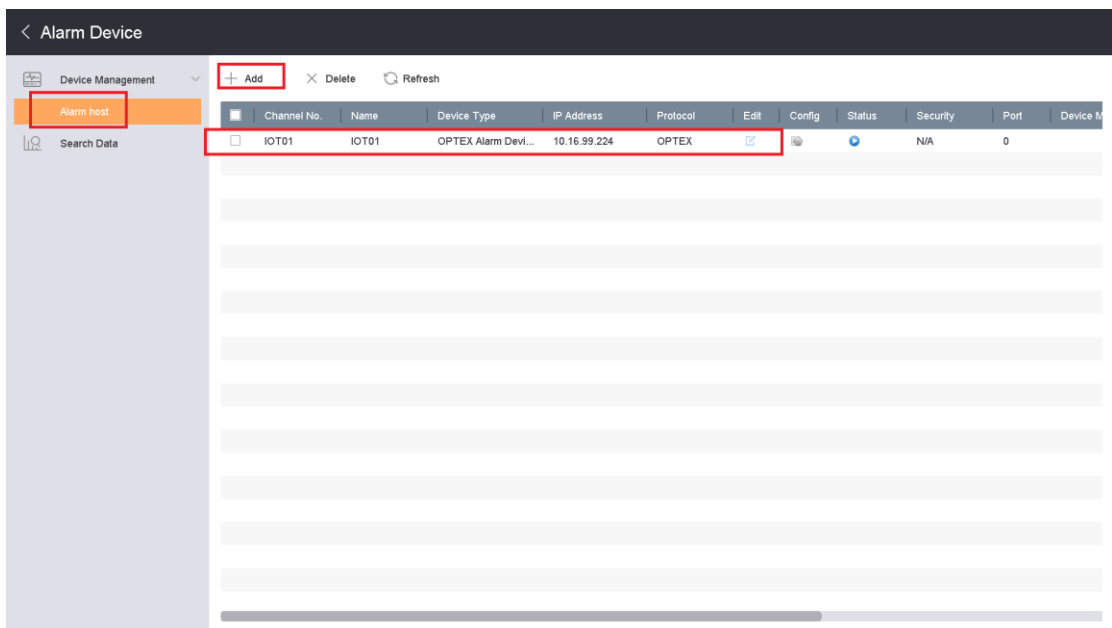


- 3) Add OPTEX device into Hikvision NVR. The steps are NVR->IOT->Alarm host->Add OPTEX->Save. The following are the corresponding screenshots.





(Transfer protocol can be TCP, UDP, Multicast)



- 4) Trigger the event on OPTEX detector, such as move hands on OPTEX device and make sure the alarm be triggered.

Alarm receiving

After any event be triggered on OPTEX detector, then we can see the alarm information on Hikvision NVR. Also we can search the details.

OPTEX alarm can be also sent to third party VMS, once we check "upload to surveillance center".

The screenshot shows the 'Alarm Information' window in the NVR 4.0 interface. The window has tabs for 'Exception', 'Basic Event', 'Smart Event', and 'IOT Event', with 'IOT Event' selected. Below the tabs is a 'Set' button. A table displays a list of alarm events. The first row is highlighted with a red border. The table columns are 'Time to Alarm', 'Alarm/Exception', 'Play', and 'Information(Camera No., Alarm Input)'. The background shows a sidebar with 'IOT Internet of Things' and 'Access Control Entrance and Exit Channel Control System' sections.

Time to Alarm	Alarm/Exception	Play	Information(Camera No., Alarm Input)
04-26-2019 19:59:07	OPTEX Alarm Event	-	TC_TR; IOT01
04-26-2019 19:59:07	OPTEX Alarm Event	-	TC_TA; IOT01
04-26-2019 19:59:07	OPTEX Alarm Event	-	PC_FN; IOT01
04-26-2019 19:59:03	OPTEX Alarm Event	-	TC_TR; IOT01
04-26-2019 19:59:03	OPTEX Alarm Event	-	TC_TA; IOT01
04-26-2019 19:59:03	OPTEX Alarm Event	-	PC_FN; IOT01
04-26-2019 19:58:58	OPTEX Alarm Event	-	TC_TR; IOT01
04-26-2019 19:58:58	OPTEX Alarm Event	-	TC_TA; IOT01
04-26-2019 19:58:58	OPTEX Alarm Event	-	PC_FN; IOT01
04-26-2019 19:58:53	OPTEX Alarm Event	-	TC_TR; IOT01
04-26-2019 19:58:53	OPTEX Alarm Event	-	TC_TA; IOT01
04-26-2019 19:58:53	OPTEX Alarm Event	-	PC_FN; IOT01
04-26-2019 19:58:47	OPTEX Alarm Event	-	TC_TR; IOT01

Customer can also configure more on Hikvision NVR, such as linkage OPTEX alarm to further steps, for example once alarm be triggered on OPTEX, NVR can send emails to specified email address, start recording, linkage to preset of speed dome etc... Also we can search playback according to OPTEX events.