Merit LILIN Application Note

How does DB052E control devices via the IR control codes

Subject: How does DB052E control devices via the IR control codes

Requirement:

1. DB052E (FW v1.0.200.1033 or above) with an IR receiver and a sender.
2. Device with IR remote controller.
3. PC.

Description: We use a LILIN NVR5416 for an example.   Show you how a DB052E controls a IR device via the device's IR control codes.

Record an IR code at DB052E sent by a NVR
Step #1. Insert an IR receiver into IR IN port and an IR sender into IR OUT port.

Notice: Place IR seneder close to the controlled IR receiving device.
Step #2. Log in DB052E by the browser (the default IP address is 192.168.0.200).

Step #3. Create a username and a password for DB052E.

Step #4. Press the button of the IR remote control.

1. Take one NVR IR remote controller as an example.
2. Press ⊞ button pointing to the IR receiver of the DB052E.   The IR code will be shown on the browser of DB052E.
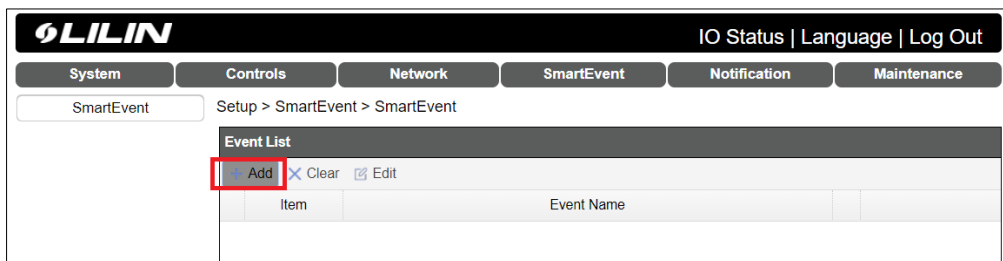
3. Write down this IR code at IR Remote field.
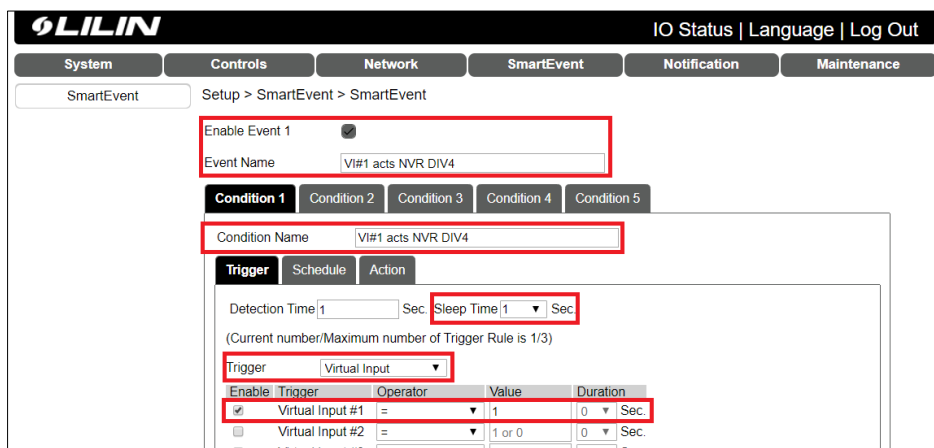4. Repeat step #2~#3 until getting all function codes that you need.

Send an IR code at DB052E to a NVR
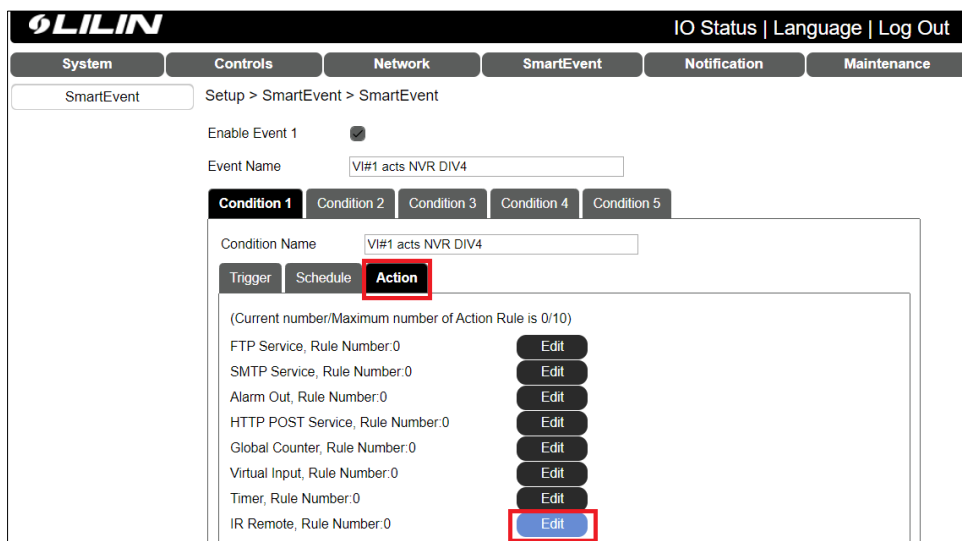
1. Go to Setup > SmartEvent and Add an event.

2. Set if the virtual input #1 gets triggered. Make the NVR switch to division 4.

Press ⊞ button pointing to the IR receiver. You will see its IR code on the browser of DB0522.

Step #5. Trigger the virtual inputs to send the IR function codes.

1. Click the virtual input #1 button twice, then the NVR will automatically switch to division 4.

Contact lilin.zendesk.com for technical support.

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