# How to integrate the ADAM IO into Hikvision NVR

#### **Device Model:**

Hikvision: All I-series NVR . Tested model DS-7732NI-I4; Version: .... Not fixed ADAM: ADAM-6060 Version: 5.04 B01

#### Step:

#### 1. Configure the IP of the ADAM module

- a. Install the tool "AdamApax+.NET+Utility+V2.05.11+B02.msi"
- b. Use this tool to search Device



c. After u search out the device, u can see the below page, u can

click the network to change the network setting, like IP address.

The default password of the ADAM device is "00000000"

Advantech Adam/Apax .NET Utility (Win32) Version 2.05.11	(802)	-
<u>File T</u> ools <u>S</u> etup <u>H</u> elp		
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Serial           ■ </th <td>Information     Network     Stream     Administration     Firmware     P2P/Event     Access Control     Modbus Address       Firmware     5.04 B01     Locate    </td> <td>Enable</td>	Information     Network     Stream     Administration     Firmware     P2P/Event     Access Control     Modbus Address       Firmware     5.04 B01     Locate	Enable
	Description           Slot         Module         Description           6060         ADAM-6060 6 DI / 6 relay module	
🔨 Advantech Adam/Apax .NET Utility (Win32) Version 2.05.11	(802)	
<u>File Tools Setup H</u> elp		
<ul> <li>Serial</li> <li>         In 7. 65, 21         In 7. 65, 105 (ADAM-60601]         6060         6060 GCL         0 thers         Favorite Group         ADAM4500_5510Series         Wireless Sensor Networks     </li> </ul>	Information Network Stream   Administration   Firmware   P2P/Event   Access Control   Modbus Addres Network Setting MAC Address: 00-D0-C9-F8-66-3C IP Address: 10.7.65.105 Subnet Address: 255.255.0 Default Gateway: 10.7.65.254	
	Host Idle       720       second(s)         Note: The 'Host Idle' will a connection. Flease make sure is applicable.         Application Network Setting         Datastreem Target Port         Offenult:51680:         P2P/GCL Target/Local Port         Offenult:10250:         Image: P2P/GCL Target/Local Port         Image: Part Port	ffeet TCP the value

d. Then You can click the DI-x or DO-x to configure the Digital input

or output



#### 2. ADD the ADAM module to the NVR

Now it is only possible to finish the setting over local interface.

a. Go to the setting->Event->normal Event->ADAM Access, enable the function,

type in the IP address of the device.

b. Type in the alarm in and out number.

Notice: The alarm in and out number is very important, please set as the Adam module supported. Because we cannot get the alarm in and out ability from the ADAM device, but we have to know this number to analysis the message it sends.

<b>NVR</b> 4.0		Ð		R	۲.		٥
General	Motion Detection	Video Tampering	Video Loss	ADAM Access	Alarm Input	Alarm Output	Exception
User     Network >	Enable						
Event 🗸	Adam IP	10	. 7 . 65	. 105			
Smart Event	Number Of Alarm Ir Number Of Alarm C	out 6					
RS-232							4
Holiday							

c. After u add correctly, the alarm in and out will be show In the list

N	VR 4.0									
٢	General		Motion Detection	Video Tampering	Video Loss	ADAM Access	Alarm Input	Alarm Output	Exception	
B	User		Alarm Input No	. A	larm Name		Alarm Type	<b>Sidili in de ministration</b> 2	Enable	
	Network	>	SOFT<-21				11212		No	
	Event	~	SOFT<-22						No	
			SOFT<-23						No	
	Smart Event		SOFT<-24						No	
Q	Live View	,	SOFT<-25 SOFT<-26				-		No	
•	RS-232		SOFT<-27						No	
U	Helidey		SOFT<-28						No	
	Holiday		SOFT<-29						No	
	POS		SOFT<-30						No	
			SOFT<-32						No	
			ADAM<-1						Yes	
			ADAM<-2						No	
			ADAM<-3						No	
			ADAM<-4 ADAM<-5						No	
			ADAM<-6						No	

N	<b>VR</b> 4.0				
3	General		Motion Detection Video Tamperi	ing Video Loss ADAM Access Alarm I	nput Alarm Output Exception
ß	User		Alarm Output No.	Alarm Name	Dwell Time
	Network	>	Local->1		55
	Event	~	Local->2		5s
			Local->3		5s
			Local->4		55
	Smart Event		ADAM->1		5s
->	Live View		ADAM->2		5s
a a	Live view		ADAM->3		5s
	RS-232		ADAM->4		5s
	Holiday		ADAM->5		5s
<b>a</b>			ADAM->6		55
POS			10.7.65.198:8000->1		55

### 3. Alarm status description

...to be added later after the R&D finished the setting

## 4. Set the linkage of the alarm-in

- a. You need to enable the input first.
- b. Then set the alarm Schedule and the





## 5. Use the ADAM alarm-out as a linkage

If u want to use the Adam alarm output, you needs also to enable the schedule.



For the detail alarm-out connection, you need to contact the Adam

technical support.