

# How to configure 2FM2466 in NVR

Title:	How to configure 2FM2466 in NVR	Version:	v1.0	Date:	03/30/2021
Product:	Network Video Recorder			Page:	1 of 12

# How to configure 2FM2466 in NVR

This article is mainly about the Instructions of NVR adding alarm (2FM2466). At present, I-series NVR and third-generation Acusense NVR have customized versions to support alarms.

Custom Firmware:

#### FM2466 software

/03 NVR/04 Firmware & Release Note/12 others/FM2466&ADAM tool and firmware/tools/

#### Acusense NVR (DS-xxxxNXI-I)

/03 NVR/04 Firmware & Release Note/12 others/FM2466&ADAM tool and firmware/Acusense NVR/

#### I series NVR (DS-xxxxNI-I)

/03 NVR/04 Firmware & Release Note/12 others/FM2466&ADAM tool and firmware/[76 77 86 96 NI-I]/

#### 1、 Open tool software

😽 Sys_32.exe	
😽 Sys_64.exe	

#### 2、Search

Search as the following picture shows (please make sure the FM2466 device and PC that runs the software are on the same network)



Click the **Connect Module** button and the following window pops up, choose the **Dynamic Connect** button->Confirm that TCP port is 502->Click **Search Devices** 

Title:	How to configure 2FM2466 in NVR	Version:	v1.0	Date:	03/30/2021
Product:	Network Video Recorder			Page:	2 of 12

		1		
$\odot$ Static Co	nnection	Oynamic	Connection	
			3	
UDP Port	5001		Searc	:h
IP Address	10.9.96.211		Conne	ect
	2			
TCP Port	502			
	Wait Connec	tion		

devices found are as follows:

Click device and enter the password according to tip. Password: 666666 Make sure TCP port is 502

H DS-2FM2466 - Sys	CONTRACTOR OF STATE OF STATE OF STATE	
File Operation Set Window Help		
11- 🖕 🛪 🔏 💡		
IP OF IN S De Des 2FM2465[192168.1.205I-DTUOL De DS-2FM2465[function	Notified Books         Description           Device Setting         100/ALL Plant Opcone TCP Send Software watchdog           Set LOP Seerch Part         Image: Set Setting           - Set TCP         Network Configuration Information           - Set TCP         Image: Set Set Setting           - Set TCP         Image: Set Set Setting           - Set TCP         Image: Set	
Time Type IP	Information	,- ,-
x [		Number

### 3. Set Input and Output Mode

DI mode is DI Input (the circled part on the left)

Set the DO mode as Instant Output (the circled part on the right)

Title:	How to configure 2FM2466 in NVR	Version:	v1.0	Date:	03/30/2021
Product:	Network Video Recorder			Page:	3 of 12

DI输入		DO状态
	DIO DI1 DI2 DI3 DI4 DI5	DO0 DO1 DO2 DO3 DO4 DO5
输入状:		輸出状态 🔤 🔤 🔤 🔤 🔤
		安全状态 🔤 🔤 🔤 🔤 🔤
□ 保存DI状	态浏览	
01-0 01-	1 01-2 01-3 01-4 01-5	000 00-1 00-2 00-3 00-4 00-3
DI模式	DI输入 ~ 应用当前通道 应用所有通道	DO模式 立即输出 > 应用当前通道 应用所有通
设 罟		
	□反向信号	
	设置所有通道	
		001///32 001///32
	低信号録小茂度 1 0.1ms	
	高信专鲸小苋厦 10.1ms	
DI 状态		

# 4. Alarm Type (it relates to NVR configuration)

#### (1) add alarm device

Enter webs, configuration->IoT channel setting->Alarm Device as the picture below

P	IKVISION	Live	e View	Playback	k Search	Application	Configuration				🛃 Downle	ad Local Player	🛃 Download Plug	In 👤 admin
•			Alarn	n Device										
-0			+ A	dd 🗍 De	lete		Alarm Device Configuration			×				
Ê				Chann	Channel Name	Device Type	Protocol Type	FM2466	^		atus	Device Model	Configuration	Live View
0							*Device IP Address	HIKVISION						
							IoT Port	OPTEX GJD						
ନ୍ତ								Luminite		Cancal				
(#)								ADAM FM2466		Cancer				
(m)														
								No Da	ata					
69														
								©2023 Hikvision Digital Technol	logy Co., Ltd. All Rig	phts Reserved.				

Or enter GUI

Title:	How to configure 2FM2466 in NVR	Version:	v1.0	Date:	03/30/2021
Product:	Network Video Recorder			Page:	4 of 12





(2) Set all Input Type to low potential (green)

Title:	How to configure 2FM2466 in NVR	Version:	v1.0	Date:	03/30/2021
Product:	Network Video Recorder			Page:	5 of 12

DS-2FM2466 (6 Channels Digital Input 6Channels Digital Output)	
DI Input DI 0 DI1 DI2 DI3 DI4 DI5 Input Status Save DI Status DI-0 DI-1 DI-2 DI-3 DI-4 DI-5 DI Mode DI Input  Apply to Channel Apply to All Channel Set  Reverse Signal  Set the Channel Set  Set the Channel Filter Enable Low Signal Min Width 1 0.1 ms High Signal Min Width 1 0.1 ms DI Status	DO Status DO DO1 DO2 DO3 DO4 DO5 Output Status Safe Status DO-0 DO-1 DO-2 DO-3 DO-4 DO-5 DO Mode Immediate Outpu Apply to Channel Apply to All Channel DO Status DO Output Low

#### Change the Alarm Type of FM2466 on NVR to NC





## 5. Alarm In Configuration

Enter webs, configuration->Event->Basic Event->Alarm In as the picture below

Title:	How to configure 2FM2466 in NVR	Version:	v1.0	Date:	03/30/2021
Product:	Network Video Recorder			Page:	6 of 12

<b>KVISION</b>	Live View	Playback	Picture	Ap	plication	Con	figuratio	n D	isplay A	larm							<b>a</b> (	ownload	l Plug	I Plug-in 👤	l Plug-in 👤 admin	l Plug-in 👤 admin 🕕 Help	l Plug-in 👤 admin 🌒 Help	l Plug-in 👤 admin 🌒 Help 🕞 Lo
.ocal	Moti	on Video	Tampering	Vid	leo Loss	Ala	rm Extensio	on	Alarm	Input	A	larm Oi	utput	E	Exceptio	m								
System	~		Alarm Input I	No.	10.15.99.10	14:502<	-2	^																
/ideo/Audio			IP Addr	ess	10.15.99.10	04:502	<-1 <-2																	
Event	^		Alarm Ty	ype	10.15.99.10	04:502	<-3																	
Basic Event			Alarm Na	me	10.15.99.10	04:502	<-4 <-5		(cannot	copy)														
Smart Event		Enable A	Narm Input Hand	ling	10.15.99.10	04:502	<-6																	
Face Comparisor	1				SOFT<-1				vlethod	(	Combi	ned Ala	rm											
More Events					Stor 1 42		Erase																	
Network	~				Mon	00	02	04	06 0	18 1	0	12	14	16	18	20	22	24						
mage					Tue																			
VCA	~				Thu																			
Farget Capture					Fri Sat																			
/ehicle Detection					Sun	00	02	04	06 0	18 1	0	12	14	16	18	20	22	24						
Storage	~																							
InT Channel Co																								

The following example shows the verification of the Alarm & Input Output State: The Alarm Input channel 1 links with the Alarm Output 2 and 4.

Live	View Playback Picture Ap	plication Configuration				
	Motion Video Tampering Vid	eo Loss Alarm Extension	Alarm Input Alarm O	utput Exception		
~	Alarm Input No.	10.9.96.208:502<-1	~			
	IP Address	10.9.96.208				
	Alarm Type	NC	~			
^	Alarm Name		(cannot copy)			
	Enable Alarm Input Handling					
		Arming Schedule	ge Method Combined Ala	rm		
~		Normal Linkage	Trigger Alarm Out	Trigger Recording	PTZ Linking	D1 ~
		Buzzer	D1-> 1	D1	Preset N	0.
		Notify Surveillance	D4-> 1	D3	1	
~		Full Screen Monit	D11-> 1 D11-> 2	D4	Patrol No	D.
•			D16-> 1	D6	1	
ion			D16-> 2 D23-> 1	D8	Pattern N	ło.
,			D23-> 2 D30-> 1	D9	1	
			D30-> 2	D11		
6e ∨			D65-> 1	D12		
			D65-> 3	D14		
			✓ D65-> 4 □ D65-> 5	D16		
			V		v	
		Save Copy to	)			

Title:	How to configure 2FM2466 in NVR	Version:	v1.0	Date:	03/30/2021
Product:	Network Video Recorder			Page:	7 of 12

	Motion	Video Tar	npering	Vid	eo Loss	Alar	m Exte	nsion	Ala	arm Inpu	ut	Alarm	Output	E	Exceptio	n		
$\sim$		A	larm Outpu	t No.	10.9.96.208	:502->2	2(Alarm	Out)	$\sim$	]								
			IP Add	lress	10.9.96.208					1								
^			C	)elay	5s				~									
			Alarm N	lame					(car	not cop	y)							
			Alarm S	tatus					√ (car	not cop	y)							
					Arming	Schedu	ıle											
$\sim$					Drav	/	Erase											
					Mon	00	02	04	06	08	10	12	14	16	18	20	22 24	4
~					Tue													
Ť					Wed													
					Thu													
					Fri													
					Sat													
$\sim$					Sun			01		0.0		10		16	10			
						00	02	04	06	00	10	12	14	10	10	20	22 2	3
$\sim$																		

Manually trigger channel 1, Alarm Output 2 and 4 respond; 10s after the alarm input is cancelled (the default time for an alarm is 5s and delay time is 5s), the output state turns back to the original state

DS-2FM2466 (6 Channels Digital Input 6Channels Digital Output)	
DI Input DIO DI 1 DI2 DI3 DI4 DI5 Input Status	DO Status DO0 DO1 DO2 DO3 DO4 DO5 Output Status Safe Status
DI-0 DI-1 DI-2 DI-3 DI-4 DI-5 DI Mode DI Input V Apply to Channel Apply to All Channel	DO-0     DO-1     DO-2     DO-3     DO-4     DO-5       DO Mode     Immediate Outpu     Apply to Channel     Apply to All Channel
Set Set the Channel Set All Channel Filter Enable Low Signal Min Width 1 0.1 ms	DO Status DO Output Low
High Signal Min Width 1 0.1 ms	

Title:	How to configure 2FM2466 in NVR	Version:	v1.0	Date:	03/30/2021
Product:	Network Video Recorder			Page:	8 of 12

DS-2FM2466 (6 Channels Digital Input 6Channels Digital Output)	
DI Input  Input Status  DI 0  DI 1  DI 2  DI 3  DI 4  DI  Filter Enable  Low Signal Min Width  DI  DI  DI  DI  DI  DI  DI  DI  DI  D	DO Status DO0 DO1 DO2 DO3 DO4 DO5 Output Status Safe Status DO-0 DO-1 DO-2 DO-3 DO-4 DO-5 DO Mode Immediate Outpu \ Apply to Channel Apply to All Channel DO Status DO Output Low
DS-2FM2466 (6 Channels Digital Input 6Channels Digital Output) DI Input	DO Status
DIO DI1 DI2 DI3 DI4 DI5 Input Status Save DI Status Browse	DOU DOI DO2 DO3 DO4 DO5 Output Status
DI-0 DI-1 DI-2 DI-3 DI-4 DI-5	DO-0 DO-1 DO-2 DO-3 DO-4 DO-5
Set Reverse Signal Set the Channel Filter Enable Low Signal Min Width 1 0.1 ms High Signal Min Width 1 0.1 ms DI Status	DO Status DO Output Low

