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# How to set up Raid in NVR-WEB

**Description:** This document will show you how to set up Raid in Web interface of NVR.

**Prerequisites**: Only models with more than 4 HDDs can set RAID.And must use enterprise hard disk of the same model in the compatible list.

# Section 1: Enable array

- 1. Click abilita array
  - 1.1 Click abilita array

Tiandy	Live V	iew F	Playback	Log	Configuration	EW	TC-R3880 SPEC:I/B/N	in 🕞	?
Basic Set		Enable Array	Physical Disk	Array Setup					
Digital Channel									
Audio Video Set			Abilita Array						
Network		Array N	lame						
Event Schedule			One-click						
Human body tempe measurement	rature								
VCA									
Advanced Intelligen	ice								
Storage									
Schedule Recording	9								
Picture Setting									
Disk Management									
NFS Array Management									
Domo Cot									
Dunie Sei									
Obselve sint Manager									
Checkpoint Manage	ement								
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1.2 Restart NVR

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Tiandy	Live Vi	ew	Playback		Log	Configuration	EW		-	TC-R3880 SPEC:I/B/N	(3) admin	n 🕞 (
Basic Set		Enable Array	Physical	Note					×			
Digital Channel												
Audio Video Set			🗹 Ab									
Network		Array	Name	- 69	Reboot to tak	te effect of array enabl	e/disable?					
Event Schedule			On									
Human body tempe measurement	rature						Confirm	Cancel				
VCA												
Advanced Intelligen	ce											
Storage												
Schedule Recording	9											
Picture Setting												
Disk Management												
NFS	_											
Array Management												
Dome Set												
System												
Checkpoint Manage	ement											

# 2. setup array

- 2.1 One-click setup
  - 2.1.1 input array name and one click setup the array

(Note: one click setting uses RAID5 by default)

Tiandy	Live View Play	/back	Log	Configuration	EW	TC-R3880 SPEC:I/B/N	🎒 admin	$\bigcirc$	?
Basic Set	Enable Array	Physical Disk Arra	ay Setup						
Digital Channel									
Audio Video Set		Abilita Array							
Network	Array Nam	e Array1							
Event Schedule		One-click							
Human body tempera measurement	ture								
VCA									
Advanced Intelligence	e								
Storage									
Schedule Recording									
Picture Setting									
Disk Management									
NFS									
Array Management									
Dome Set									
System									
Checkpoint Managem	ent								
	•								

Wait a few minutes

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Tiandy	Live View	Playback	Log	Configuration	EW	TC-R3880 SPEC:I/B/N	(f) admin	₿?
Basic Set	Enable A	rray Paramete	rs take effect, plea	ase wait				
Digital Channel								_
Audio Video Set								
Network	4	Array Na						
Event Schedule		One-clic	K					
Human body temperat measurement	ure							
VCA								
Advanced Intelligence								
Storage								
Schedule Recording								
Picture Setting								
Disk Management								
Array Management								
Dome Set								
System								
Checkpoint Manageme	ent							
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# Successfully created array

liandy	Live V	View Playback		Log	Configuration		EW TC-R3880 SF	PEC:I/B/N 🚯 admin	
Basic Set		Enable	e Array	Physical Disk	Array Setup				
Digital Channel									
Audio Video Set		Disk	Capacity		Array	Туре	State	Model	Hot Spare
Network		1	1.82TB		Array1_1	Global Spare	Normal	WDC WD22EJRX-89BEMY0	Edit
Event Schedule		2	1.82TB		Array1_1	Array Disk	Normal	WDC WD22EJRX-89BEMY0	Edit
Human body tempe	erature	4	1.82TB		Array1_1	Array Disk	Normal	WDC WD22EJRX-89BEMY0	Edit
measurement		5	1.82TB		Array1_1	Array Disk	Normal	WDC WD22EJRX-89BEMY0	Edit
VCA		6	1.82TB		Array1_1	Array Disk	Normal	WDC WD22EJRX-89BEMY0	Edit
Advanced Intelliger	nce	8	1.82TB		Array1_1	Array Disk	Normal	WDC WD22EJRX-89BEMY0	Edit
Schedule Recordin Picture Setting Disk Management NFS	Ig								
Dome Set									
System									
Chookpoint Monor	ement								

Check the array information and state

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Digital Channel	Enabl	e Array	Array Setup				
udio Video Set	Disk	Capacity	Array	Туре	State	Model	Hot Spare
letwork	1	1.82TB	Array1test_2	Global Spare	Normal	WDC WD22EJRX-89BEMY0	Edit
vent Schedule	2	1.82TB	Array1test_1	Array Disk	Normal	WDC WD22EJRX-89BEMY0	Edit
luman body temperature	3	1.82TB	Array1test_1	Array Disk	Normal	WDC WD22EJRX-89BEMY0	Edit
neasurement	4	1.82TB	Array1test_1	Array Disk	Normal	WDC WD22EJRX-89BEMY0	Edit
/CA	6	1.82TB	Array1test_2	Array Disk	Normal	WDC WD22EJRX-89BEMY0	Edit
dvanced Intelligence	7	1.82TB	Array1test_2	Array Disk	Normal	WDC WD22EJRX-89BEMY0	Edit
Schedule Recording Picture Setting Disk Management NFS	0	1.0210	Array flest_2	Array Disk	Normai	WDC WD22EJRA-89BEMTU	EON
Array Management							
Dome Set							
System							
Shockpoint Management							

## 2.1.2 edit Hot spare for any Global spare

Tiandy Live	View	Pla	yback Log	Configuration	1	EW	TC-R3880 SF	EC:I/B/N 🕥 admin	
Basic Set	Enabl	e Array	Disk Setting			,	¢		
Digital Channel		_							
Audio Video Set	Disk	Capacity	Disk Setting	Global Spare	~		<u>1</u>	Hot Spare	
Network		1.82TB	Disk octaing	Global optic			X-89BEMY0	Edit	
Event Schedule	2	1.82TB					X-89BEMY0	Edit	
Human body temperature	3	1.82TB			Save	Back	X-89BEMY0	Edit	
measurement	4	1.82TB			ouro	Buok	X-89BEMY0	Edit	
VCA	6	1.82TB	N/A	Common Disk	Normal	WDC WD22E	JRX-89BEMY0	Edit	
Advanced Intelligence	7	1.82TB	N/A	Common Disk	Normal	WDC WD22E	JRX-89BEMY0	Edit	
Storage Schedule Recording Picture Setting Disk Management NFS Array Management Dome Set	8	1.82TB	N/A	Common Disk	Normal	WDC WD22E	JRX-89BEMY0	Edit	
System									
Checkpoint Management									

# 2.1.3check the array setup process(one click setup)

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Basic Set	Enable Array	Physical D	isk Array	Setup					
Digital Channel	Enable Paray	T Hyoidar D							
Audio Video Set	Create Ar	Recreate							
Network	Title Name	Total Capacity	Residual Ca	Working Disk	Hot Spare	State	Туре	Task	Operation
Event Schedule	1_1	3.63T	3.63T	2,3,4		Normal	RAID5	Initializing0%Surplus	Delete
Human body temperature measurement	1_2	3.63T	3.63T	6,7,8	1	Normal	RAID5	Initializing0%Surplus	Delete
VCA									
Advanced Intelligence									
Storage									
Schedule Recording									
Picture Setting									
Disk Management									
Array Management									
Dome Set									
System									
Checkpoint Management									

# 2.2 Custom create array

2.2.1Creat array

Input array name &Select array type and array disk

Tiandy Live	View Pla					TC-R3880 SPEC	I/B/N 🚯 admir	• • •
	Enable Array	Create Array			X			
		Array Name						
	Create Ar R	Arrav Type	No	~				
Network	Title Name Tota	Array Disk				Task		
	Array1test_1	Capacity of Array (GB)	0				Delete	
	Array1test_2		Create				Delete	
			oreate					



Tiandy	Live View Pla				TC-R3880 SPEC:I/B	S/N 🚯 admin 🕞 (
Basic Set	Enable Array	Create Array		X		
Digital Channel	Linkierenay	Array Name	zld			
Audio Video Set	Create Ar R	Arrav Type	RAID1 ~			
Network	Title Name Tota	Array Disk	Π2 Π3 Π4		Task	
Event Schedule	Array1test_2	Capacity of Array (GB)	0			Delete
Human body tempera measurement	ture		Create			
VCA						
Advanced Intelligence						
Storage Schedule Recording Picture Setting Disk Management NFS						
Array Management						
Dome Set						
System						
Checkpoint Managem	ent					

3. Initialization VD



Tiandy Liv	e View	Play	/back	Log	Configuratio	on E	EW	TC-R38	80 SPEC:I/B/N	🎒 admin	₿?
Basic Set	Dis	k Information	HDD Strategy	Abnormality for	ound in Smart check	Bad Track D	Detection F	leindex			
Digital Channel			-								
Audio Video Set		Device	Total Space	Used Space	Free Space	State	Usage	Operation			
Network		VD1	1.77TB		-	Unformatted	Record	Edit			
Event Schedule		VD2	1.77TB		-	Unformatted	Record	Edit			
Human body temperature		VD3	1.77TB			Unformatted	Record	Edit			
measurement		VD4	1.77TB			Unformatted	Record	Edit			
VCA											
Advanced Intelligence											
Storage											
Schedule Recording											
Picture Setting											
Disk Management											
NFS											
Array Management											
Dome Set											
System											
Checkpoint Management	0MB/7	08TB(Residual	Capacity/Total Cap	pacity)							
	Hot	swap Initi	ialize								

lianay	Live V	iew	Pla	ayback	Log	Configura	ation	EW	TC-R38	880 SPEC:I/B/N	(5) admin	(€) (?
Basic Set		Disk	Information	Initialize Disk				B	eindex			
Digital Channel												
Audio Video Set			Device	Formating diskVD	3:50%			e	Operation			
Network			VD1					rd	Edit			
Event Schedule			VD2	1.7718			Unformatted	Record	Edit			
Human body tempe	erature		VD3	1.77TB			Unformatted	Record	Edit			
measurement			VD4	1.77TB	<del></del>		Unformatted	Record	Edit			
VCA			ESATA	1.82TB			Unformatted	Backups	Edit			
Advanced Intelligen	nce											
Storage												
Schedule Recording	g											
Picture Setting												
Disk Management												
NES												
Array Management												
Dome Set												
System												
Checkpoint Manage	ement	0MB/7.	.08TB(Residu	al Capacity/Total Cap	bacity)							
		Hot-s	swap In	itialize								