

# QUICK START GUIDE

**NVR Series** 

V 4.03

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# **1.Package Contents**

#### Mini (PoE) NVR:

	Mini NVR	Mini PoE NVR
NVR Contents		0
NVR	x 1	x 1
	x 1	x 1
Screwdriver		
Ouick Start Guide	x 1	x 1
63	x 1	-
Power Adaptor		
Re Part	-	x 1
Power Adaptor		
	_	x 1
Power Cord		
	x 8	x 4
HDD Screw		

### Pro/PoE NVR:

NVR	Pro/PoE 5000	Pro/PoE 7000	Pro 8000		
Contents		()·· = = ()    =			
NVR	x 1	x 1	x 1		
Quick Start Guide	x 1	x 1	x 1		
Mouse	x 1	x 1	x 1		
Power Cord	x 1	x 1	x 1		
Power Adaptor	x 1 (Pro 5000)	_	-		
) HDD Screw	x 12	x 16	x 32		
HDD Bracket	x 4	-	-		
۳ HDD Bracket Screw	x 8	-	-		
Mounting Bracket	x 2	-	-		
Mounting Bracket	-	x 2	-		
<b>Mounting Bracket</b>	_	-	x 2		
Mounting Bracket Screw	x 8	x 8	x 8		

# 2.Hardware Overview

Mini NVR:



Mini PoE NVR:



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Mini PoE NVR:





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# **3.Interfaces**

Mini NVR:





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PoE 7000:



Pro 8000:





Audio Out

# 4. Installation

# 4.1 Mini (PoE) NVR 1000 Series Installation

Step1: Remove the screws at the bottom panel and pull up the casing.



Step2: Insert SATA HDD in the slot as required.



(Mini NVR)





(Mini PoE NVR)

Note: Mini NVR supports two SATA HDD (2.5"). Mini PoE NVR supports one SATA HDD (3.5").

Step3: Secure the HDD with screws.



(Mini NVR)



(Mini PoE NVR)





# 4.2 Pro/PoE NVR 5000 Series Installation

Step1: Using a cross screwdriver to remove the screws at the back panel in an

anticlockwise direction.



(PoE 5000)



Step2: Slide the upper casing to the right first and lift it up.



Step3: The internal structure of Pro/PoE 5000 is shown as below.



(Pro 5000)



(PoE 5000)

Step4: Hard Disk Installation: Lock the hard disk with the HDD bracket. 6 screws for each hard disk installation.



Step5: Secure the HDD brackets with hark disks in the casing. 4 screws for each HDD bracket.



(PoE 5000)

Step6: After that, check if all the screws are tightened. Then connect the power cable and data cable to each HDD.





(PoE 5000)

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Step7: Pull down the upper casing and slide it to the left.



Step8: Retighten the screws on the back.







(PoE 5000)

# 4.3 Pro/PoE NVR 7000 Series Installation

Step1: Using a cross screwdriver to remove the screws at the back panel in an

anticlockwise direction.







Step2: Slide the upper casing to the right first and lift it up.



Step3: The HDD bracket is rotatable and can be taken down by pulling up and rotating one side of it.



(Pro 7000)





(PoE 7000)

Step4: To install HDD more conveniently, you can:

1) Remove the bracket.



(Pro 7000)





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3) After securing the HDD on bracket, insert the bracket back to the NVR.



(PoE 7000)

Step5: Check if all the 16 screws in HDD bracket are screwed tightly, if not, screw them tightly in an clockwise direction. And fix the bracket with a screw in the middle of bracket. Then connect the power cable and data cable to each HDD.



(PoE 7000)

Step6: Pull down the upper casing and slide it to the left.



Step7: Retighten the screws on the back.



(PoE 7000)

#### 4.4 Pro NVR 8000 Series Installation

Step1: Using a cross screwdriver to remove the screws at the back panel in an

anticlockwise direction.



(Pro 8000)

Step2: Slide the upper casing to the right first and lift it up.



Step3: Using the screwdriver to remove the screw in the middle of HDD bracket in an anticlockwise direction (Pro 7000 has only one HDD bracket and www.milesight.com

Pro 8000 has two, while the installation steps are the same).



Step4: The HDD bracket is rotatable and can be taken down by pulling up and rotating one side of it.



Step5: Secure the HDD with 4 screws. Don't screw tight and leave about 4mm distance at the side of each screw nut. As the enlarged drawing shows:





Step6: After securing each HDD with 4 screws, stuck the side with screw nuts in the bracket's slots and then slide down to fix the HDD in the bracket. Screw tight with screwdriver.



Step7: Repeat the above steps to install HDD in the bracket. Remember to check if you have screwed tight.

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Step8: Secure the 16 screws in HDD and fix the bracket with a screw in the middle of it. Then connect the power cable and data cable to each HDD.



Step9: Pull down the upper casing and slide it to the left.







Step10: Retighten the screws on the back.



# **5. Connection Overview**

Connect different devices to the interfaces of NVR, taking Mini (PoE) NVR and

PoE 7000 NVR for example:



(Mini PoE NVR) www.milesight.com



(PoE 7000)

# 6. Ready to Start

Press the power button(this button is not available on Mini PoE NVR), the LED

Indicator will light steadily when it is connected to a power source, taking Mini

NVR and PoE 7000 NVR for example:



(PoE 7000)

Note: Milesight 4-CH/8-CH/16-CH Plug and Play NVR features 4/8/16 independent PoE Ports. The software can automatically detect and configure the network cameras just after being plugged the cable, greatly eliminating the need for much time and expertise, and achieving a virtually hassle-free installation process.

# 7. Access to NVR

#### 7.1 Search the NVR via Smart Tools

If the IP address of the NVR is unknown, please use the Smart Tools to search the IP address. Smart Tools can automatically detect online Milesight NVRs connected in the LAN. You can get the IP address of the NVR by searching in the Tools.

Click on the NVR Tools button to enter the NVR Tools interface:

r					) —	- 🛞 -	(G					ø –
3	Y	NVR To	ools	Netwo	irk	Setting	Upgra	de Stal	tus	l C	admin Search he	ms123
		Device Name	MAC	IP	Port	Netmask	Gateway	Model	SN	Version	Run-up 1	ime
П	1	NVR12345	1C:C3:16:0A:29:06	192.168.10.142	80	255.255.252.0	192.168.10.1	MS-N7032-UPH	7416390005	71.7.0.5	2016-11-11	09:01:17 🗿
•	2	NVR123	1C:C3:16:0A:27:12	192.168.8.156	80	255.255.252.0	192.168.8.2	MS-N1009-UPT	1316280022	72.7.0.5-r9	2016-11-11	13:52:47 [
0	3	NVR-Demo	1C:C3:16:0A:1C:A4	192.168.8.101	8101	255.255.252.0	192.168.8.2	MS-N8064-UH	8316100058	71.7.0.5-r9	2016-11-08	20:02:21 4
r	4	NVR	1C:C3:16:0A:1D:02	192.168.8.10	80	255.255.252.0	192.168.8.1	MS-N5032-UH	5316120009	71.7.0.5	2016-08-29	21:20:07 📀
П	5	NVR	08:5A:E0:05:01:68	192.168.8.110	80	255.255.252.0	192.168.8.1	MS-N8032	8004150003	1.7.0.7	2016-08-20	13:51:30 🙆
С	6	NVR	1C:C3:16:0A:19:2F	192.168.8.139	80	255.255.252.0	192.168.8.1	MS-N1009-UT	1205470074	61.7.0.5	2016-11-14	15:51:02 🜔
C	7	NVR	1C:C3:16:0A:1E:73	192.168.8.144	80	255.255.252.0	192.168.8.1	MS-N5032-UH	5316200024	71.7.0.5-r9	2016-11-14	15:32:57
r	8	NVR	1C:C3:16:0A:25:6A	192.168.8.155	80	255.255.252.0	192.168.8.1	MS-N8064-UH	8316300010	71.7.0.5	2016-11-14	01:54:17
C	9	NVR	1C:C3:16:0A:22:10	192.168.8.169	80	255.255.252.0	192.168.8.1	MS-N8064-UH	8316220103	71.7.0.5	2016-11-14	07:36:42
C	10	NVR	1C:C3:16:0A:29:14	192.168.9.13	80	255.255.252.0	192.168.8.1	MS-N7032-UPH	7416390012	71.7.0.5	2016-11-04	10:39:26 🜔
0	11	NVR	1C:C3:16:0A:1C:4E	192.168.9.112	80	255.255.252.0	192.168.8.1	MS-N8032-UH	8316100015	71.7.0.5	2016-11-10	9:27:54
r	12	NVR	1C:C3:16:0A:29:02	192.168.9.128	80	255.255.252.0	192.168.8.1	MS-N7032-UPH	7416390003	71.7.0.5	2016-11-14	15:42:12
C	13	NVR	1C:C3:16:60:29:B2	192.168.9.129	80	255.255.252.0	192.168.8.1	MS-N8064-UH	8316100005	71.7.0.5	2016-11-14	13:46:12
		Device Nam	el NVR123	IP: 192.168.8	.156	Porte 80	Netmask: 25	5.255.252.0	iateway: <b>192.</b>	168.8 .2	DNS: 192	.168.1 .1
One		n Information									(	🗶 Modify
100		9										
											101111111	1000 - 11
											Save (	🗵 Clear

Network Page

The specific steps are as follows:

Step1: Input the MAC address (marked as 1) to search your NVR;

Step2: Click on the area (marked as 2) to list the NVR one by one;

Step3: Click on your NVR in the list (marked as 3), then you can change the parameters including the IP address, Port, Netmask, Gateway and DNS. Click on "Modify" button to apply the settings. (Default IP address of NVR is 192.168.5.200.)

Step4: Click on the Browser button (marked as 4) to access to the web page of the NVR;

(Default user name and password of NVR are "admin" and "ms1234".)

Note: You can get more information about Smart Tools from the User Manual.

#### 7.2 Via WEB

#### 7.2.1 Log-in

After the NVR being connected to the Internet, you can access to NVR via WEB by IP address.

The specific steps are shown as follows:

Step1: Launch the Firefox or other browsers;

Step2: In the address bar of the browser, input the IP address of the device. For

example, <u>http://192.168.8.156</u>. After that, the log-in page will pop up;

Step3: (You can choose the language before logging in) Input the correct user

name and password. Click on the Log-in button to enter the Live View page.

(Default user name and password of NVR are "admin" and "ms1234".)



€ ■) 0 192.168.8.156	/html/	index.	ntml	🦁 🗱  C	9、百度 < Ctrl+K	>	☆ 自	∔ ∩î	<b>%</b>  - <b>¤</b>  -	● Ξ
Milesight	t				Live View	Playback	Log	Settings	Status	<b>(→</b> Logout
Camera List		$\sim$								
Main/Sub	▶	⊫								
View1										
View2	Ð									
CAM1	▶	▶								
CAM2	▶	₽								
CAM4	▶	•								
CAM5	▶	₽								
РТZ		>								
Image Configuration		>		_	_	_	-		■ Q ←	→ 10

Note:

1. If the HTTP Port number is not the default number 80, please input the IP address as follows: <a href="http://IP:Port">http://IP:Port</a> .

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2. If it's your first time to access to NVR via WEB, please install the plug-in. And please close the browser before installing the plug-in.

#### 7.2.2 Live View

After logging in the NVR, you can add cameras to the NVR through the camera settings. After adding cameras, please click on the Live View button to get the preview. (Default user name and password of network camera are "admin" and "ms1234".)

Details are shown as follows:

( 192.168.8.156/html/inc	lex.html			<b>V</b>	с < <u>ह</u>	度 < Ctrl+K>	☆	ê ↓ ^	<b>5</b>  - <b>1</b>  -	● Ξ
Milesight					<b>ا</b> Liv	e View P	layback Log	Settings	 Status	<b>(→</b> Logout
Local Configuration	Camera Management									
▼ Camera	Channel No.	1	~	Channel N	ame	CAM1				
Camera Management	IP Address			Port		80				
Camera Search	User Name	admin		Password			MCI NR/D			
PTZ Configuration	Protocol	ONVIE		Time Settin	ng	Sync Time	WITH INVK			
Privacy Mask										
OSD Configuration	Add Refresh	Delete Edit Pass	word							
▶ Record	Channel Edit	Delete State	IP Address	Port	Protocol	MAC	Firmware Version	Model	Vendor	
▶ System	Free Receive Bandwidth: 90.00	Mbps								
▶ Event										



Note: About other configurations, you can refer to the user manual of NVR.

### 7.3 Via Monitor

There is another way to access to NVR which you can use the HDMI cable to let

the NVR combine with monitor.

(Default user name and password of NVR are "admin" and "ms1234".)

After running the NVR, you can do some configurations according to the wizard.

Details are shown as follows:

	Wiza	rd			·
Admin Password					
🗌 New Admin Password	I				
New Password					
Comfirm					
	ĸ				
Start wizard when device	starts?	Back	Next	Skip	

#### Password Modifying

	Wi	zard							
	Time Zone	8 China (Beijing) ~							
	Daylight Saving Time	Automatic ~							
	Automatically Synchronize With an Internet Time Server								
	NTP Server pool.ntp.org								
	Set Date and Time Manually								
	Set Date and Time	2016.11.10 13:49:17							
		▼							
⊻ s	tart wizard when device starts?	Back Next Skip							

#### Time Setting

	Wizard									
	Select NIC	LAN1 ~								
	Enable DHCP									
	IP Address	192.168.8 .156								
	Subnet Mask	255.255.252.0								
	Gateway	192.168.8 .2								
	Preferred DNS Server	192.168.1 .1								
	Alternate DNS Server									
	Internal NIC IPv4 Address	192.168.20 .1								
🗹 Sta	art wizard when device star	rts? Back Next Skip								

Network Setting



						congrit					Qu
					Wiza	ard					
	Proto	col		All						Search	
		NO.   37	IP Ad	All ONVIF					Pr	otocol [ MSSP	
	n	38	192.168	MSSP .10.140		R		80	 N	MSSP	
		39	192.168	.10.181		Ø		80	P	MSSP	
		40	192.16	8.40.5		Z	1	80	ľ	<b>MSSP</b>	
		41	192.168	.10.194		Ø		80	P	MSSP	
		42	192.168	.10.246		Ø	ŝ	80	ľ	MSSP [	
	PoE Ch	nannel	Edit		Status		IP A	ddress		Port	
		Protocol All Status Search All Protocol All Status Protocol Search All ONVIF MSSP 37 192.168.10.140 Ø 80 MSSP 39 192.168.10.181 Ø 80 MSSP 40 192.168.10.181 Ø 80 MSSP 41 192.168.10.194 Ø 80 MSSP 42 192.168.10.246 Ø 80 MSSP A2 192.168.10.246 Ø 80 MSSP A41 Status IP Address Port Add Refresh Start wizard when device starts? Back Finish Skip									
	Protocol All Status Search Protocol All Status IP Add Refresh Start wizard when device starts? Back Finish Skip										
$\checkmark$	Start w	izard wl	hen dev	ice stai	rts?	Back		Finish		Skip	

Camera Adding

Also you can skip the wizard, then add cameras in Camera Management.

Details are shown as follows:



Camera Management

					Camera Settings					
Camera Management	Came	ra Search								
Camera Search										
PTZ Configuration	Pro	tocol							- Search	
Privacy Mask		NO.   IPA Add				Model	Firmware Version			
		119 1	192.1 192.1 192.1	MAC			sight sight	MS-C3566-FP MS-C2963-FPB	30.6.0.47 30.6.0.47 40.6.0.51	
			192.1 192.1	Name IP Address	CAM1 192.168.8 .135		sight sight	MS-C2963-FP8 MS-C2962-FP8	40.6.0.51 40.6.0.51	
	2	15 46	192.1 192.1	Port User Name	80 admin		sight	MS-C2962-FP8 MS-C3263-FP	40.6.0.51 30.6.0.52-r7	-
			192.1 192.1	Password	eeeeee MSCD		sight sight	MS-C2972-FPB MS-C2962-FIPB	40.6.0.52-r6 40.6.0.52	
			192.1 192.1	Transport Protocol	UDP		sight sight	MS-C4462-FPB MS-C4462-FIPB	40.6.0.52-r6 41.6.0.52-r6	
					Adóx	Cancel		10 0000 PAR		
Live View								Add	Back	

**Camera Settings** 

After adding cameras successfully, you can choose the Live View to preview.



Live View

# **NVR Series**

# Thank you

# for choosing

# **Milesight Product**

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