



Milesight-Troubleshooting

How to add Third-party cameras to PoE NVR

NVR Models	MS-N1009-UPT MS-N5016-UPT MS-N7032-UPH	Update	2018.1.26
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Milesight PoE NVR supports Third-party camera to add. But before plug into Milesight PoE NVR, the Third-party camera should set to the same IP segment as the NVR PoE IP.

[Here shows the steps of settings:](#)

1. NVR PoE IP Address(Internal NIC IPv4 Address)

Set the NVR POE IP Address, here takes the default [192.168.20.1](#) for example.

Network							
Basic	UPnP	DDNS	Email	Milesight Cloud	PPPoE	SNMP	More
<input checked="" type="checkbox"/> LAN							
IPv4 DHCP	Disable			IPv6 Mode	Manual		
IPv4 Address	192.168.7.99			IPv6 Address			
IPv4 Subnet Mask	255.255.240.0			IPv6 Prefix Length			
IPv4 Gateway	192.168.14.1			IPv6 Gateway			
Preferred DNS Server	8.8.8.8						
Alternate DNS Server							
MTU(Byte)	1500						
MAC	1C:C3:15:0A:E8:D2						
PoE NIC IPv4 Address	192.168.20.1						

2. Set the camera IP Address

Set the Third-party camera's IP Address, the IP should at the same IP segment as NVR PoE IP.

Here takes [192.168.20.5](#) for example.

3. Plug the PoE camera into the NVR PoE port.

4. Search the PoE camera

Select the NIC to "PoE" option, press "Search" button.

The PoE camera will appears in the list.

Select the Third-party PoE camera and press "Add" button.

Camera Settings

Device Search

Protocol: All Select NIC: All IP Range: 0.0.0.0 - 255.255.255.255 Search

No.	IP Address	IP Edit	Status	Port	Protocol	NIC	MAC	Firmware Version	Model	Vendor
1	192.168.10.2	<input checked="" type="checkbox"/>	Active	80	LAN			41.7.0.72-116	MS-C4463-PB	Milesight
2	192.168.20.2	<input checked="" type="checkbox"/>	Active	80	PoE			43.7.110.73-1	SME8-IPR-50M	CAMSCAN
3	192.168.10.10	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC31622168F	43.7.0.80-LPR1-web-a1	MS-C2961-GEU-PB	Milesight
4	192.168.11.10	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316400D83	51.7.0.76-sigma-a14	MS-C2952-PD	Milesight
5	192.168.31.11	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC31621657D	41.7.0.70	MS-C4463-PB	Milesight
6	192.168.11.11	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316264357	43.7.94.77	SS-EM212-BI-30X V2	SPARSH
7	192.168.11.11	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC31640274B	51.7.0.76-sigma-a14	MS-C2983-PD	Milesight
8	192.168.31.12	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC3162104CF	40.7.0.70	MS-C2963-PB	Milesight
9	192.168.10.12	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316270818	41.7.0.79-2	MS-C5364-PB	Milesight
10	192.168.11.12	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316202371	51.7.0.76-sigma-a14	MS-C2964-PD	Milesight
11	192.168.31.13	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316210565	40.7.0.70	MS-C2983-PB	Milesight
12	192.168.10.13	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316267C2B	40.7.0.79-2	MS-C2983-PB	Milesight
13	192.168.11.13	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316402944	51.7.0.76-sigma-a14	MS-C2975-PD	Milesight
14	192.168.10.14	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC3163A822A	45.7.0.79-3	MS-C5375-RPC	Milesight
15	192.168.10.15	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC31611463C	33.7.0.79-image_sc200ai-a3	MS-C2963-RPA	Milesight
16	192.168.31.15	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316210725	40.7.0.70	MS-C2963-PB	Milesight
17	192.168.31.16	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC3162106F0	40.7.0.70	MS-C2963-PB	Milesight
18	192.168.10.16	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316289D69	46.7.0.75-5	MS-C2964-SPB	Milesight
19	192.168.11.16	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316631F0E	51.7.0.76-sigma-a14	MS-C5383-PD	Milesight
20	192.168.31.17	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC3162165AC	41.7.0.71	MS-C4463-PB	Milesight
21	192.168.10.17	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316270700	43.7.0.79-dn-imm226-a2.1	MS-C9674-PB	Milesight
22	192.168.11.17	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316400519	51.7.0.76-sigma-a13	MS-C8183-SPD	Milesight
23	192.168.31.18	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC31621055B	40.7.0.70	MS-C2963-PB	Milesight
24	192.168.10.18	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC31623ABAA	40.7.0.79-9-a2	MS-C2963-FPB	Milesight
25	192.168.10.19	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316201082	43.7.0.79-2	MS-C8262-FPB	Milesight
26	192.168.31.19	<input checked="" type="checkbox"/>	Active	80	MSSP	LAN	ICC316211336	40.7.0.70	MS-C4463-PB	Milesight

Activate IP Edit Add Back

Camera Settings

Device Search

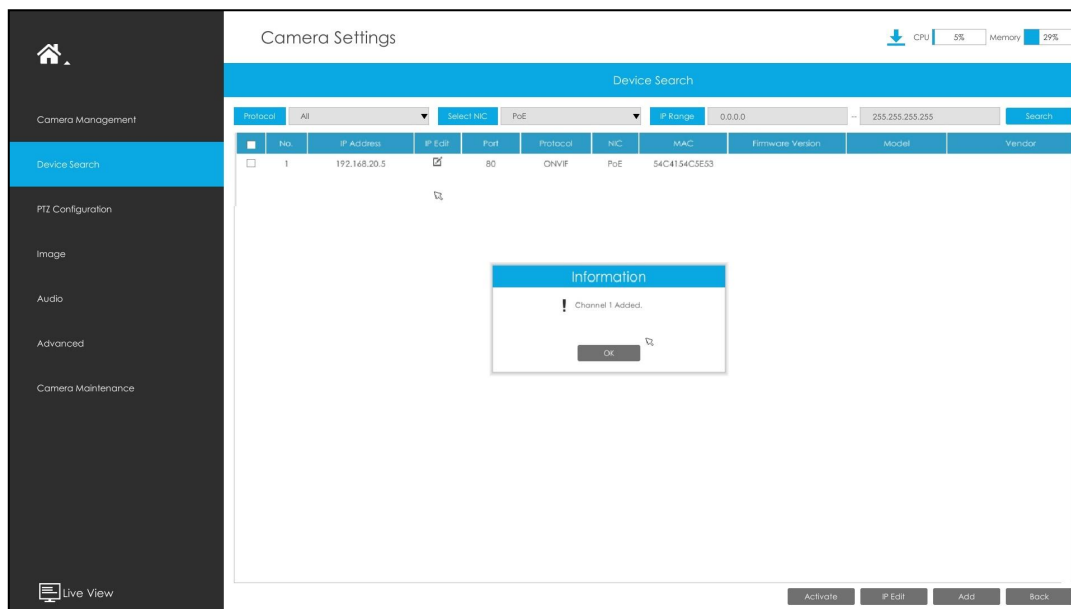
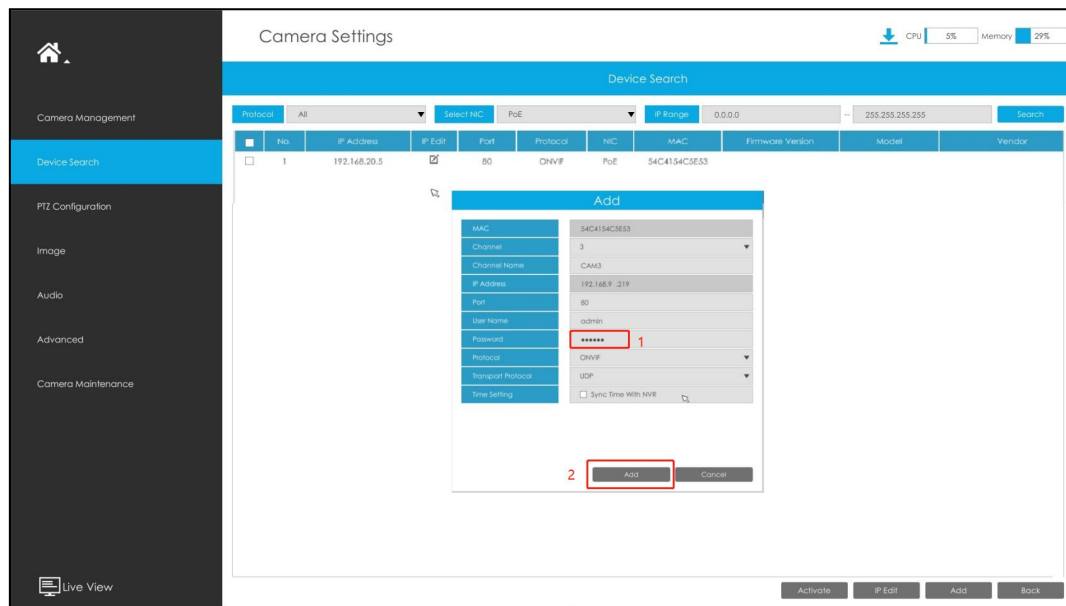
Protocol: All Select NIC: PoE IP Range: 0.0.0.0 - 255.255.255.255 Search

No.	IP Address	IP Edit	Port	Protocol	NIC	MAC	Firmware Version	Model	Vendor
1	192.168.20.5	<input checked="" type="checkbox"/>	80	ONVIF	PoE	54C4154C3E53			

Activate IP Edit Add Back

5. Add the PoE camera to the NVR

Input the Camera password, set the other parameters you want and then press “Add”.



6. Camera Management

Camera Management page will show you the information about the PoE camera.

Camera Settings

CPU 27% Memory 29%

Camera Management

Channel Management Batch Settings

Channel: 3 Name: CAM3

Channel	Channel Name	Edit	Delete	Status	IP Address	Channel ID	Port	Protocol	MAC	Firmware Version	Model
3	CAM3				192.168.20.2		80	MDSP	1CC3A222220	v3.7.0.78-r1	MS-G2862-RTPE

Free Receiving Bandwidth: 155.50Mbps

Edit Authentication Delete Refresh Back

7. PoE Port Status

You can go to “Status”- “Camera Status”- “PoE Port Status” to check the PoE Power information.

Status

CPU 28% Memory 29%

Camera Status

Channel Status PoE Port Status

PoE Port	IP Address	Current Power Consumption	Status
1	-	-	-
2	-	-	-
3	-	-	-
4	-	-	-
5	-	-	-
6	-	-	-
7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-
13	-	-	-
14	-	-	-
15	-	-	-
16	192.168.20.2	3.05W	Connected

Total Power Consumption 3.05W

Remaining Power Consumption 196.95W

Note:

1. The rated power consumption of all PoE ports is 200.00W.

2. When the total power consumption exceeds the rated value, the system will close PoE ports in the order of channel numbers from large to small until the total power is less than the rated power.

Back

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