

## Milesight-Troubleshooting

## Two Methods to View the Camera from M-Sight Pro

Milesight Technology Co.,Ltd.



| Camera Version | XX.7.0.66 | M-Sight Pro Version | 2.3.0.6 |
|----------------|-----------|---------------------|---------|
| Update         | 2018.7.20 |                     |         |

M-Sight Pro is an Milesight Application designed for Milesight camera. There are two methods for us to use M-Sight Pro to view the cameras remotely.

### 1. Port Mapping

Please do the port mapping as follows:

**Step1:** Log in router via "winbox" software, enter the IP address, username and password:

| Connect To: | 192.168.9.1    | Connect    |        |
|-------------|----------------|------------|--------|
| Login:      | admin          | Ī          |        |
| Password:   | ******         | P          |        |
|             | Keep Passw     | ord        | Save   |
|             | Secure Mode    |            | Remove |
|             | C Load Previou | us Session | Tools  |
| Note:       |                |            | ]      |
| Address /   | User           | Note       |        |
| 92.168.9.1  | admin          |            |        |

**Step2:** Click IP→Firewall→NAT

| Safe Mod       | e            |  |
|----------------|--------------|--|
| Interfaces     |              |  |
| Bridge         | -            |  |
| PPP            |              |  |
| Mesh           | -            |  |
| IP Î           | ARP          |  |
| MPLS           | Accounting   |  |
| Routing        | Addresses    |  |
| System         | DHCP Client  |  |
| Queues         | DHCP Relay   |  |
| Files          | DHCP Server  |  |
| Log            | DNS          |  |
| Radius         | Firewall     |  |
| Tools          | Hotspot      |  |
| New Terminal   | IPsec        |  |
| Make Supout.nf | Neighbors    |  |
| Manual         | Packing      |  |
| Exit           | Pool         |  |
|                | Routes       |  |
|                | SMB          |  |
|                | SNMP         |  |
|                | Services     |  |
|                | Socks        |  |
|                | TFTP         |  |
|                | Traffic Flow |  |
|                | UPnP         |  |
|                | Web Proxy    |  |



|   | C* Safe Mode    |        |             |       |         |     |              |             |           |                |             |            |          | ✓ Hide     | e Passwords |   |
|---|-----------------|--------|-------------|-------|---------|-----|--------------|-------------|-----------|----------------|-------------|------------|----------|------------|-------------|---|
|   | Interfaces      | Firewa | all i       |       |         |     |              |             |           |                |             |            |          |            |             | E |
|   | Bridge          | Filter | Rules N     | JAT   | Mangle  | Sen | vice Ports C | onnections  | Address I | Lists Layer    | 7 Protocols |            |          |            |             |   |
|   | PPP             | +      | - 0         |       |         | T   | a Reset      | Counters    | 00 Rese   | t All Counters | s           |            |          | Find       | all         |   |
|   | Mesh            | #      | Actio       | on    | Chain   |     | Src. Address | Dst. Addres | s Proto   | Src. Port      | Dst. Port   | In. Inter. | Out. Int | Bytes      | Packets     |   |
|   | P N             |        | Milesight   | Test- | NVR (55 | 4端口 | J被NVR客户      | demo占用,     | 请及时修      | 改该端口)          |             |            | -        |            |             |   |
|   |                 | 0)     | X +  *c     | lst   | dstnat  |     |              |             | 6 (tcp)   |                | 554         | Eth2-P     |          | 0 B        | 0           |   |
|   | MPLS 🗅          | 1      | ≓∥ n        | nas   | srcnat  |     |              |             |           |                |             |            |          | 1747.9 MiB | 10 717 441  |   |
|   | Routing N       | 2 >    |             |       | srcnat  |     | 192.168.17   |             |           |                |             |            |          | 0 B        | 0           |   |
|   | System N        | 3      |             |       | dstnat  |     | 192.168.8    |             | 17 (u     |                | 53          |            |          | 1508.3 KiB | 23 430      |   |
|   | oyocom          | 4      |             |       | dstnat  |     | 192.168.9    |             | 17 (u     |                | 53          |            |          | 9.4 MiB    | 145 451     |   |
| 1 | Queues          | 5      |             |       | dstnat  |     | 192.168.10   |             | 17 (u     |                | 53          |            |          | 949.0 KiB  | 16 448      |   |
|   | Files           |        | Milesight I |       |         |     |              |             |           |                |             |            |          |            |             |   |
|   |                 | 6      |             |       | dstnat  |     |              |             | 6 (tcp)   |                | 443         | Eth4-1     |          | 4912 B     | 96          |   |
|   | Log             |        | Milesight I |       |         |     |              |             |           |                |             | -          |          | 10 4 10 0  |             |   |
|   | Radius          | 7      |             |       | dstnat  |     |              |             | 6 (tcp)   |                | 554         | Eth4-1     |          | 42.1 KiB   | 672         |   |
|   | Tools           | 8      | Milesight I |       | dstnat  |     |              |             | CA )      |                | 5060        | Eth4-1     |          | 08         | 0           |   |
|   | 10013           |        | Milesiaht I |       |         |     |              |             | 6 (tcp)   |                | 0000        | C(1)4-1    |          | UB         | U           |   |
|   | New Terminal    | 9      |             |       | dstnat  |     |              |             | 6 (tcp)   |                | 8081        | Pth4-1     |          | 21.4 KiB   | 399         |   |
|   | Make Supout.rif |        | Milesiaht I |       |         |     |              |             | o (tcp)   |                | 0001        | EU14-1     |          | 21.4 ND    | 333         |   |
|   |                 | 10     |             |       | dstnat  |     |              |             | 6 (tcp)   |                | 8101        | Eth4-1     |          | 2696 B     | 50          |   |
|   | Manual          |        | Milesight I |       |         |     |              |             | o (tep)   |                | 0101        | LU14-1     |          | 2030 0     | 50          |   |
|   | Exit            | 11     |             |       | dstnat  |     |              |             | 6 (tcp)   |                | 1554        | Eth4-1     |          | 08         | 0           |   |
|   |                 |        | Milesight I |       |         |     |              |             | - (       |                |             |            |          |            |             |   |
|   |                 | 12     |             |       | dstnat  |     |              |             | 6 (tcp)   |                | 1100        | Eth4-1     |          | 40 B       | 1           |   |
|   |                 | ::: (  | CRM-Mile    |       |         |     |              |             |           |                |             |            |          |            |             |   |
|   |                 | 13     | -  *c       | lst   | dstnat  |     | 117.29.182   |             | 6 (tcp)   |                | 8082        | Eth4-1     |          | 84.0 KiB   | 1 655       |   |
|   |                 | ::: 1  | CRM-Mile    |       |         |     |              |             |           |                |             |            |          |            |             |   |
|   |                 | 14     |             |       | dstnat  |     | 117.29.182   |             | 6 (tcp)   |                | 8082        | Eth4-1     |          | 0 B        | 0           |   |
|   |                 | 15     |             |       | dstnat  |     |              |             | 6 (tcp)   |                | 21          | Eth4-1     |          | 1400 B     | 33          |   |
|   |                 |        | MISCentre   |       |         |     |              |             |           |                |             |            |          |            |             |   |
|   |                 | 16     | +  *c       | lst   | dstnat  |     | 117.29.182   |             | 6 (tcp)   |                | 3306        | Eth4-1     |          | 104 B      | 2           |   |

Step3: Click [+], add a new NAT rule, refer the mapping and fill in the info as follows: HTTP: 117.29.166.6:6006→ 192.168.8.151:6006 RTSP: 117.29.166.6:5594→ 192.168.8.151:5594

#### HTTP:

| General Advanced Extra Action Statistics |          | ОК                 |
|--|----------|--------------------|
|  | 10       |                    |
| Chain: dstnat                            |          | Cancel             |
| Src. Address:                            | ]•       | Apply              |
| Dst. Address:                            |          | Disable            |
| Protocol: C 6 (tcp)                      | <b>.</b> | Comment            |
| Src. Port:                               |          | Сору               |
| Dst. Port: 6006                          |          | Remove             |
| Any. Port:                               | •        | Reset Counters     |
| In. Interface: Eth4-117.29.166.6         | <b>T</b> | Reset All Counters |
| Out. Interface:                          | ] -      |                    |
| Packet Mark:                             |          |                    |
| Connection Mark:                         | •        |                    |
| Routing Mark:                            |          |                    |
| Routing Table:                           |          |                    |
| Connection Type:                         |          | 2                  |
|  |          |                    |
|  |          |                    |
|  |          |                    |
|  |          |                    |
|  |          |                    |
|  |          |                    |



| NAT Rule <600 | 6>                            |                    |
|---------------|-------------------------------|--------------------|
| General Adva  | anced Extra Action Statistics | ОК                 |
| Action:       | dst-nat                       |                    |
| To Addresses: | 192.168.8.151                 | Apply              |
| To Ports:     | 6006                          | ▲ Disable          |
|               |                               | Comment            |
|               |                               | Сору               |
|               |                               | Remove             |
|               |                               | Reset Counters     |
|               |                               | Reset All Counters |
|               |                               |                    |
| enabled       |                               |                    |

### RTSP:

| eneral Advanced  | Extra Action Statistics | 1        | ОК                |
|------------------|-------------------------|----------|-------------------|
| Chain: dst       | nat                     | Ŧ        | Cancel            |
| Src. Address:    |                         |          | Apply             |
| Dst. Address:    |                         |          | Disable           |
| Protocol:        | tcp                     |          | Comment           |
| Src. Port:       |                         | •        | Сору              |
| Dst. Port:       | 5594                    |          | Remove            |
| Any. Port:       |                         | <b>•</b> | Reset Counters    |
| In. Interface: 🔲 | Eth4-117.29.166.6       |          | Reset All Counter |
| Out. Interface:  |                         |          | 1                 |
| Packet Mark:     |                         |          |                   |
| Connection Mark: |                         |          |                   |
| Routing Mark:    |                         | •        |                   |
| Routing Table:   |                         |          |                   |
| Connection Type: |                         |          |                   |
|                  |                         |          |                   |
|                  |                         |          |                   |
|                  |                         |          |                   |
|                  |                         |          |                   |
|                  |                         |          |                   |



| ew NAT Rule  |                               |                   |
|--------------|-------------------------------|-------------------|
| General Adva | anced Extra Action Statistics | ОК                |
| Action:      | dst-nat                       | Cancel            |
| o Addresses: | 192.168.8.151                 | Apply             |
| To Ports:    | 5594                          | Disable           |
|              |                               | Comment           |
|              |                               | Сору              |
|              |                               | Remove            |
|              |                               | Reset Counters    |
|              |                               | Reset All Counter |
|              |                               |                   |
| abled        |                               |                   |

**Step4:** Click [Mangle] $\rightarrow$ [+], add a new rule to set the Wan:

| Filter Rul | les NAT  | Mangle Ser | rvice Ports Connections Address Lists  | Laver7 Protocols |         |           |           |   |   |            |           |
|------------|----------|------------|--|------------------|---------|-----------|-----------|---|---|------------|-----------|
| - I        |          |            |  |                  |         |           |           |   |   |            |           |
| #          | Action   | Chain      | Src. Address   | Dst. Address     | Proto   | Src. Port | Dst. Port | In Inter  | Out. Int                                      | Bytes      | Packets   |
| 0          | / mar    | prerouting | 192.168.8.1-192.168.8.254  |                  |         |           | 100000000 |   |   | 132.1 GiB  | 172 973   |
| 1          |          | prerouting | 192.168.9.1-192.168.9.254  |                  |         |           |           |   |   |            | 55 338 43 |
| 2          |          | prerouting | 192.168.10.1-192.168.10.254  |                  |         |           |           |   |   | 2167.3 MiB |           |
| 3          |          | prerouting | 192.168.11.1-192.168.11.254  |                  |         |           |           |   |   | 240.8 MiB  |           |
| 4          |          | prerouting | 192.168.8.100  |                  |         |           |           |   |   | 123.2 MiB  | 493 9     |
| 5          |          | prerouting | 192.168.9.100  |                  |         |           |           |   |   | 51.3 MiB   | 353 54    |
| 6 X        |          | prerouting | 192.168.8.99   |                  |         |           |           |   |   | 0 B        | 1000.0    |
| ··· P2F    | P Server |            | 1. 1. 7. 76. 1. 6. 7. 6. 7. 6. 7. 6. 7. 6. 7. 6. 7. 6. 7. 6. 7. 6. 7. 6. 7. 6. 7. 6. 7. 6. 7. 6. 7. 6. 7. 6. 7 |                  |         |           |           |   |   |            |           |
| 7          |          | prerouting | 192.168.9.102  |                  |         |           |           |   |   | 9.5 GiB    | 24 378 9  |
| ··· P2F    | P Server |            | A CONTRACTOR CONTRACTOR  |                  |         |           |           |   |   | 1          |           |
| 8          |          | prerouting | 192.168.9.103  |                  |         |           |           |   |   | 11.8 GiB   | 27 576 4  |
| 9          |          | prerouting | 192.168.8.102  |                  |         |           |           |   |   | 101.8 GiB  |           |
| 10         |          | prerouting | 192.168.8.103-192.168.8.110  |                  |         |           |           |   |   | 175.7 MiB  | 208 9     |
| 11         |          | prerouting | 192.168.8.171  |                  |         |           |           |   |   | 516.3 MiB  | 386 1     |
| 12         |          | prerouting | 192.168.8.80   |                  |         |           |           |   |   | 490.4 KiB  | 14        |
| 13         |          | prerouting | 192.168.8.82   |                  |         |           |           |   |   | 59.7 MiB   | 306 84    |
| 14         |          | prerouting | 192.168.8.61   |                  |         |           |           |   |   | 8.0 MiB    | 96 82     |
| ···· Mai   |          |            | 1 - Second State State State   |                  |         |           |           |   |   | 1          |           |
| 15         |          | prerouting | 192 168 8 180-192 168 8 200  |                  |         |           |           |   |   | 22.6 GiB   | 49 794 22 |
| 16 X       |          | prerouting | 192 168 8 178  |                  |         |           |           |   |   | 0.8        | 10 10 12  |
| 17 X       |          | prerouting | 192.168.9.40   |                  |         |           |           |   |   | 0 8        |           |
| 18 X       |          | prerouting | 192.168.9.33   |                  |         |           |           |   |   | 0 8        |           |
| 19         |          | prerouting | 192.168.8.2  |                  |         |           |           |   |   | 18.5 MiB   | 300 2     |
| 20         |          | prerouting | 192.168.8.101  |                  |         |           |           |   |   | 133.7 MiB  | 207 9     |
| 21 X       |          | prerouting | 192.168.11.132   |                  |         |           |           |   |   | 0 B        | 207 3     |
| 22 X       |          | prerouting | 192,168,11,136   |                  |         |           |           |   |   | 0 8        |           |
| 23 X       |          | prerouting | 192.168.9.200  |                  |         |           |           |   |   | 0 B        |           |
| 24         |          | prerouting | 192.168.9.94   |                  |         |           |           |   |   | 89.7 MiB   | 88 3      |
| 25 X       |          | prerouting | 192.168.17.1-192.168.17.254  |                  |         |           |           |   |   | 0.8        |           |
| 26 X       |          | prerouting | 192 168 8 171  |                  |         |           |           |   |   | 0.8        |           |
| 27 X       |          | prerouting | 192,168,8,167  |                  |         |           |           |   |   | 0 8        |           |
| 28 X       |          | prerouting | 192.168.9.116  |                  |         |           |           |   |   | 0 8        |           |
| 29         |          | prerouting | 192.168.8.170  |                  |         |           |           |   |   | 4699.5 MiB | 4 418 2   |
| 30 X       |          | prerouting | 192.168.8.136  |                  |         |           |           |   |   | 0 B        |           |
| 31 X       |          | prerouting | 192.168.8.135  |                  |         |           |           |   |   | 0 8        |           |
| 32 X       |          | prerouting | 192.168.8.132  |                  |         |           |           |   |   | 0 8        |           |
| 33 X       |          | prerouting | 192.168.8.9  |                  |         |           |           |   |   | 08         |           |
| 34 X       |          | prerouting | 192.168.8.72   |                  |         |           |           |   |   | 08         |           |
| 35         |          | prerouting | 192.168.8.150  |                  | -       |           |           |   |   | 15.3 MiB   | 38 1      |
| 36 D       |          | forward    |  |                  | 6 (tcp) |           |           | 059295  |   | 14.8 KiB   | 2         |
| 37 D       |          | forward    |  |                  | 6 (tcp) |           |           | 500200  | 059295.                                       |            | 3         |
| 38 D       |          | forward    |  |                  | 6 (tcp) |           |           | <pppoe< td=""><td></td><td>0 8</td><td></td></pppoe<> |   | 0 8        |           |
| 39 D       |          | forward    |  |                  | 6 (tcp) |           |           | -pppo   | <pppoe< p=""></pppoe<>                        |            |           |
| 40 D       |          | forward    |  |                  | 6 (tcp) |           |           | <pppoe< td=""><td></td><td>0 8</td><td></td></pppoe<> |   | 0 8        |           |
| 40 D       |          | forward    |  |                  | 6 (tcp) |           |           | sphhoe"   | <pppoe< td=""><td>10.0</td><td></td></pppoe<> | 10.0       |           |



| ew Mangle Rule                             | Extra Action Statistics   |      | ОК  |
|--|---|------|---|
| 1. menuere                                 |   |      |   |
| Chain: 🗖                                   | Printer and the second s | 1000 | Cancel  |
|  | 192.168.8.151   |      | Apply   |
| Dst. Address:                              |   |      | Disable   |
| Protocol:                                  |   | •    | Comment   |
| Src. Port:                                 |   | •    | Сору  |
| Dst. Port:                                 |   | •    | Remove  |
| Any. Port:                                 |   |      | Reset Counters  |
| P2P:                                       |   |      | Reset All Counters  |
| In. Interface:                             |   |      |   |
| Out. Interface:                            |   |      |   |
| Packet Mark:                               |   |      |   |
| onnection Mark:                            |   | -    |   |
| Routing Mark:                              |   | •    |   |
| Routing Table:                             |   | •    |   |
| onnection Type:                            |   |      |   |
| onnection State:                           |   |      |   |
|  |   |      |   |
| abled                                      |   |      |   |
| w Mangle Rule                              | Extra Action Statistics   |      | OK  |
| w Mangle Rule<br>eneral Advanced           |   |      | ОК  |
| w Mangle Rule<br>eneral Advanced<br>Actior | Extra Action Statistics   |      | OK<br>Cancel  |
| w Mangle Rule<br>eneral Advanced<br>Actior | r: mark routing   |      | OK<br>Cancel<br>Apply   |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable  |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment                                     |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable  |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove                   |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove<br>Reset Counters |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove<br>Reset Counters |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove<br>Reset Counters |
| v Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove<br>Reset Counters |
| v Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove<br>Reset Counters |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove<br>Reset Counters |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove<br>Reset Counters |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove                   |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove<br>Reset Counters |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove<br>Reset Counters |
|  | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove<br>Reset Counters |
| w Mangle Rule<br>eneral Advanced<br>Actior | n: mark routing<br>:: WAN117.29.166.6   |      | OK<br>Cancel<br>Apply<br>Disable<br>Comment<br>Copy<br>Remove<br>Reset Counters |





| Basic Se | ttings >>  | Network |      |             |              |     |            |             |        |        |
|----------|------------|---------|------|-------------|--------------|-----|------------|-------------|--------|--------|
| TCP/IP   | HTTP       | RTSP    | UPnP | DDNS        | Email        | FTP | VLAN       | PPPoE       | SNMP   | 802.1x |
|          |            |         |      | HTTP Ena    | ble:         |     |            |             |        |        |
|          |            |         |      | HTTP Port   | t            |     | 6006       |             |        |        |
|          |            |         |      | HTTPS En    | able:        |     |            |             |        |        |
|          |            |         |      | HTTPS Po    | ort:         |     | 443        |             |        |        |
| Basic S  | ettings >> | Network |      |             |              |     |            |             |        |        |
| TCP/IP   | HTTP       | RTSP    | UPnP | DDNS        | Email        | FTP | VLAN P     | PPoE S      | NMP 80 | 2.1x   |
|          |            |         |      | RTSP Port:  |              |     | 5594       |             | 0      |        |
|          |            |         |      | Playback P  | ort:         |     | 555        |             | •      |        |
|          |            |         |      | RTP Packe   | t            |     | Better Cor | npatibility | ~      |        |
|          |            |         |      | Multicast G | roup Address | S:  | 239.6      | 6.6         |        |        |
|          |            |         |      | QoS DSCP    | (0~63):      |     | 0          |             |        |        |

#### **Step4:** Change the HTTP port and RTSP port via Web:

Step5: Change the Subnet Mask, Gateway and DNS:

| Basic Se | ettings >> | Network |      |          |              |             |      |             |          |        |
|----------|------------|---------|------|----------|--------------|-------------|------|-------------|----------|--------|
| TCP/IP   | HTTP       | RTSP    | UPnP | DDNS     | Email        | FTP         | VLAN | PPPoE       | SNMP     | 802.1x |
|          |            |         |      | O Get IF | v4 address a | automatical | ly   |             |          |        |
|          |            |         |      | • Use fi | xed IPv4 add | Iress       |      |             |          |        |
|          |            |         |      | IP Add   | dress:       |             | 192  | . 168. 8.   | 151 Test |        |
|          |            |         |      | IPv4 S   | Subnet Mask: |             | 255  | . 255. 254. | 0        |        |
|          |            |         |      | IPv4 E   | efault Gatew | vay:        | 192  | . 168. 9.   | 1        |        |
|          |            |         |      | Prefer   | red DNS Ser  | ver:        | 192  | . 168. 9.   | 1        |        |
|          |            |         |      | IPv6 N   | lode:        |             | Man  | ual         | ~        |        |
|          |            |         |      | IPv6 A   | ddress:      |             |      |             |          |        |
|          |            |         |      | IPv6 F   | Prefix:      |             |      |             |          |        |
|          |            |         |      | IPv6 D   | efault Gatew | vay:        |      |             |          |        |

**Step6:** There are two ways to visit the camera, Fixed IP or DDNS:

#### Fixed IP:

Open the App and enter the public IP address to check whether the port mapping is working or not:



| 14:32        | A 🛛 72% 🔲   |
|--------------|---|
| Add Camera   | B   |
| New Device 1 |   |
| ONVIF        |   |
| 117.29.166.6 |   |
| 6006         |   |
| admin        |   |
|              |   |
|              | Add Camera<br>New Device 1<br>ONVIF<br>117.29.166.6<br>6006 |



#### DDNS:

If you feel that it is difficult to remember the IP address when visiting the camera, we can link the camera IP address with a domain name, and visit the camera by the domain name. The steps are as follows:

• Add a subdomain on the website <a href="http://freedns.afraid.org">http://freedns.afraid.org</a>;

|   |  | Adding a Subdomain   |
|---|--|--|
| Par Manders:     Man Links:     Aman Link | Schömmer innen<br>Dominist<br>Databasen<br>Till Brenzmann<br>Weldernit # caulade fo  | Salaction<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(additional)<br>(addi |
| Tip #2<br>If you have multiple<br>time/resources upd/   | records going to the same place, setup OKMME alayes to your main record to save titing your records should your $B^{\prime}$ change. | FreeBSD S-   |
|   | © 2001-2015 Joshua Anderson, Free DMS is currently pr  | cessing 3,551 DHS queries per second. (5 min average).   |
|   | Rendered in I  | .002 seconds   |





• Link the domain name with the IP address, 117.29.166.6, which we have mapped before:

| Editing crixsu | us.crabdance.com                          |
|----------------|---|
| Type:          | A  explanation                            |
| Subdomain:     | crixsus                                   |
| Domain:        | crabdance.com (public)                    |
| Destination:   | 117.29.166.6 Forward to a URL             |
| TTL:           | For our premium suppor seconds (optional) |
| Wildcard:      | Enabled for all subscribers (more info)   |

• Add the camera to M-Sight Pro by domain name(ONVIF mode);

| 16:04             | 1 🕑 58% 🔲  |
|-------------------|--|
| Add Camera        |  |
| New Device 1      |  |
| ONVIF             |  |
| crixsus.crabdance | .com   |
| 6006              |  |
| admin             |  |
|                   |  |
|                   | New Device 1<br>ONVIF<br>crixsus.crabdance<br>6006 |

Q





• Or add the camera to M-Sight Pro by domain name(RTSP mode);

| 📶 中国移动 🗢     | 14:36                 | 1 71% 🔲           |
|--------------|-----------------------|-------------------|
| $\leftarrow$ | Add Camera            | Ð                 |
| Name         | New Device 1          |                   |
| Туре         | RTSP                  |                   |
| Primary      | rtsp://crixsus.crabda | nce.com:5594/main |
| Secondary    | rtsp://crixsus.crabda | nce.com:5594/sub  |
| User Name    | admin                 |                   |
| Password     | *****                 |                   |



#### 2. P2P

Send the MAC address of your camera to us, we will activate your camera. Then M-Sight can visit the camera by the P2P mode.

Please do steps as follows:

- **Step1:** Click on the button "**I**", choose "Device Manager", click "**I**" and "Add Camera" to add device. There are three adding types, you should choose to add via "P2P";
- **Step2:** Enter the MAC address of the camera, the user name and the password. The MAC address of the camera can be generated automatically by scanning the bar code, or you can scan the QR code from web interface. The default user name is: admin, default password is: ms1234;



| System      |                     |   |
|-------------|---------------------|---|
| System Info |                     |   |
|             | Software Version:   | 40.7.0.66   |
|             | MAC Address:        | 1C:C3:16:23:BD:5C                                     |
|             | Device Information: | SD010ES2p0N6  |
|             | Alarm Input:        | 2   |
|             | Alarm Output:       | 2   |
|             | Uptime:             | 58 minutes  |
|             | QR Code:            | Please scan this QR code on App to get a remote view. |

Figure 1-1 Scan QR Code

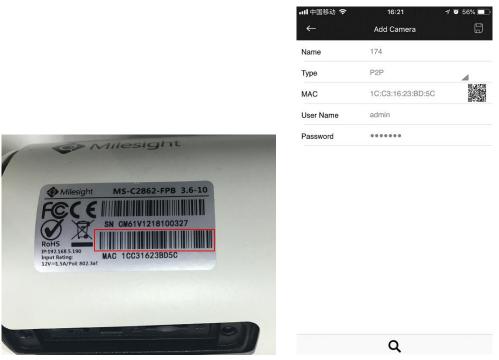


Figure 1-2 Scan bar code

Figure 1-3 Add by P2P type

**Step3:** Click on the "🗊" button to save the device info. After being added successfully, it will get the device number and device name automatically;

Step4: Play the devices. You have two ways to play live view via P2P;

 Choose the devices you want to play in the "Device Manager" interface, and click the devices to play the live view;



Click on the "
" button in the "Live View" interface, choose the devices you want to play, and click the "Play" button ;

|                      |  |           | 📶 中国移动 🗢   | 15:48   | A 🖸 6: |
|----------------------|--|-----------|------------|---|--------|
| ┃中国移动 穼              | 15:47  | 7 🧉 62% 🔲 | $\equiv$   | Device List   |        |
|                      | Device Manager                                       | ≡t        | > [0] ONVI | - Camera(9-devices)                                       |        |
| ONVIF                | Camera - 9   |           |            | Camera(4-devices)   |        |
| • •••• P2P Ca        | amera - 4  |           |            |   |        |
| <b>p1</b><br>MAC: 10 | CC31621126D  | D         | (C) / p2   | CC31621126D   |        |
| <b>p2</b><br>MAC: 10 | CC31621126B  | D         | 174        | CC31623BD5C   |        |
| 174<br>MAC:10        | CC31623BD5C  | Ø         |            | evice 81<br>CC3160256B8                                   |        |
| New [                | Device 81  | ß         | > RTSP     | Camera(1-devices)   |        |
|                      | Camera - 1   |           | 2 /        | -devices)<br>Type: 192.168.8.148/80/Domain                |        |
| 148 -                | 0  | ß         | 2 /        | Device 45(6-devices)<br>Type: 86.84.170.74/7150/Domain    |        |
|                      | Type: 192.168.8.148/80/Domain                        | R         | 2 /        | Device 46(4-devices)<br>Type: nvr.milesight.com/8101/Doma | in     |
|                      | Type: 86.84.170.74/7150/Domain                       |           | > teeya    | 1-devices)<br>pe: 1C:C3:16:0A:40:C6/P2P                   |        |
|                      | Device 46 - 4<br>Type: nvr.milesight.com/8101/Domain | D         | New [      | Device 79(3-devices)                                      |        |
| • teeya              | - 1<br>pe: 1C:C3:16:0A:40:C6/P2P                     | Ø         | 7 /        | Type: getter1.dyndns.tv/1025/Doma                         | n      |
|                      | Device 79 - 3<br>Type: getter1.dyndns.tv/1025/Domain | Ø         |            |   |        |
|                      |  |           |            | Play(1)   |        |

Figure 1-4 Play the device 1

Figure 1-5 Play the device 2



Figure 1-6 Play successfully





#### Note:

You can enter the MAC address of the camera as well as scan the bar code/QR code to automatically generate the MAC address.

### -END-