

Device Search Guide

A. Mass FW upgrade

1. Click on the **Device Search** to find the device

Device Search - 2.0.0.2

Search Method: Local Broadcast (selected), IP Relay: 192.168.0.0, TCP

45 device(s) found!

Device Search (highlighted)

UPnP Search (checked) Get FW Ver.

Model	Project	Name	IP	Port	Netmask	MAC	Firmware
D08FF-08G2	DVR	DVR	192.168.6.35	80	255.255.255.0	00:D0:89:0A:49:0E	
DG946-FNJ	DVR	DG946-FNJ	192.168.6.149	80	255.255.255.0	00:D0:89:09:B5:DE	
DG946H	DVR	DVR	192.168.6.69	80	255.255.255.0	00:D0:89:09:B5:BE	
DG946H	DVR	DVR	192.168.6.84	80	255.255.255.0	00:D0:89:09:B5:D0	
DIFFFFFFFF-06	NVR	NVR	192.168.6.92	80	255.255.255.0	00:D0:89:60:60:01	
DS600	NAS	ds600-00018E	192.168.50.5	8080	255.255.255.0	00:D0:89:00:01:8F	
DS600	NAS	ds600-00018E	192.168.6.132	8080	255.255.255.0	00:D0:89:00:01:8E	
DTFF-04	NVR	NVR	192.168.6.114	80	255.255.255.0	00:D0:89:0C:27:88	
DTFF-04	NVR	NVR	192.168.6.82	80	255.255.255.0	00:D0:89:0C:27:92	
HD-04	DVR	DVR	169.254.215.159	80	255.255.0.0	00:D0:89:00:02:10	
HDVR-8164-AI	DVR	DVR	192.168.6.141	80	255.255.255.0	00:D0:89:09:B5:E2	
HDVR-884-AI	DVR	DVR	192.168.6.143	80	255.255.255.0	00:D0:89:09:E3:0F	
I60	NVR	NVR	192.168.6.119	80	255.255.255.0	00:D0:89:0D:13:80	
I60	NVR	NVRLLL-1	192.168.6.102	80	255.255.255.0	00:D0:89:0D:13:75	
L086G2	DVR	DVR	192.168.6.115	80	255.255.255.0	00:D0:89:08:F3:86	
L08D9-08G2	DVR	DVR	192.168.6.155	80	255.255.255.0	00:D0:89:81:85:04	
M086A	DVR	DVR80	192.168.6.160	80	255.255.255.0	00:D0:89:03:4D:5F	
NA063	NA063	MegaPixelCamera	192.168.6.249	80	255.255.255.0	00:D0:89:66:66:67	
NA083	NA083	MegaPixelCamera	192.168.6.227	80	255.255.255.0	00:D0:89:0A:4C:73	

2. Hold the Ctrl button and click the mouse to select the devices you would like to upgrade

Device Search - 2.0.0.2

Search Method: Local Broadcast

45 device(s) found!

IP Relay: 192.168.0.0 | TCP

Device Search | UPrP Search | Get FW Ver.

Model	Project	Name	IP	Port	Netmask	MAC	Firmware
NA063	NA063	MegaPixelCamera	192.168.6.249	80	255.255.255.0	00:D0:89:66:66:67	
NA083	NA083	MegaPixelCamera	192.168.6.227	80	255.255.255.0	00:D0:89:0A:4C:73	
NH063	NH063	MegaPixelCamera	192.168.6.214	80	255.255.255.0	00:01:02:03:04:05	
NH21x	NH21x	MegaPixelCamera	192.168.6.124	80	255.255.255.0	00:D0:89:01:F3:50	
NH221	NH221	MegaPixelCamera	192.168.6.224	80	255.255.255.0	60:9A:A4:00:09:48	
NV062	NV062	MegaPixelCamera	192.168.6.188	80	255.255.255.0	00:D0:89:06:9A:E1	
NV063	NV063	MegaPixelCamera	192.168.6.229	80	255.255.255.0	00:D0:89:0A:97:BB	
NV063	NV063	MegaPixelCamera	192.168.6.64	80	255.255.255.0	00:D0:89:08:A9:FD	
NV102	NV102	MegaPixelCamera	192.168.6.163	80	255.255.255.0	00:D0:89:07:8F:1E	
NV102	NV102	MegaPixelCamera	192.168.6.173	80	255.255.255.0	00:D0:89:07:9C:48	
NV102	NV102	MegaPixelCamera	192.168.6.185	80	255.255.255.0	00:D0:89:07:9C:4A	
NV103	NV103	MegaPixelCamera	192.168.6.138	80	255.255.255.0	00:D0:89:FE:65:93	
NV103	NV103	MegaPixelCamera	192.168.6.139	80	255.255.255.0	00:D0:89:09:20:AE	
NV103	NV103	MegaPixelCamera	192.168.6.161	80	255.255.255.0	00:D0:89:09:AB:F7	
NV103	NV103	MegaPixelCamera	192.168.6.235	80	255.255.255.0	00:D0:89:FF:67:BF	
NV223	NV223	MegaPixelCamera	192.168.6.99	80	255.255.255.0	00:D0:89:09:47:9C	
TruVision DVR 30	DVR	TVR30	192.168.6.253	6553	255.255.255.0	00:D0:89:04:4B:A0	
unknown	DVR	BurnIn(1/1)	192.168.6.53	80	255.255.255.0	00:D0:89:09:B5:C2	
unknown	DVR	DVR	192.168.6.66	80	255.255.255.0	00:D0:89:0A:10:E6	

3. Left click the mouse and then click on **Software Upgrade**

Device Search - 2.0.0.2

Search Method: Local Broadcast

45 device(s) found!

IP Relay: 192.168.0.0 | TCP

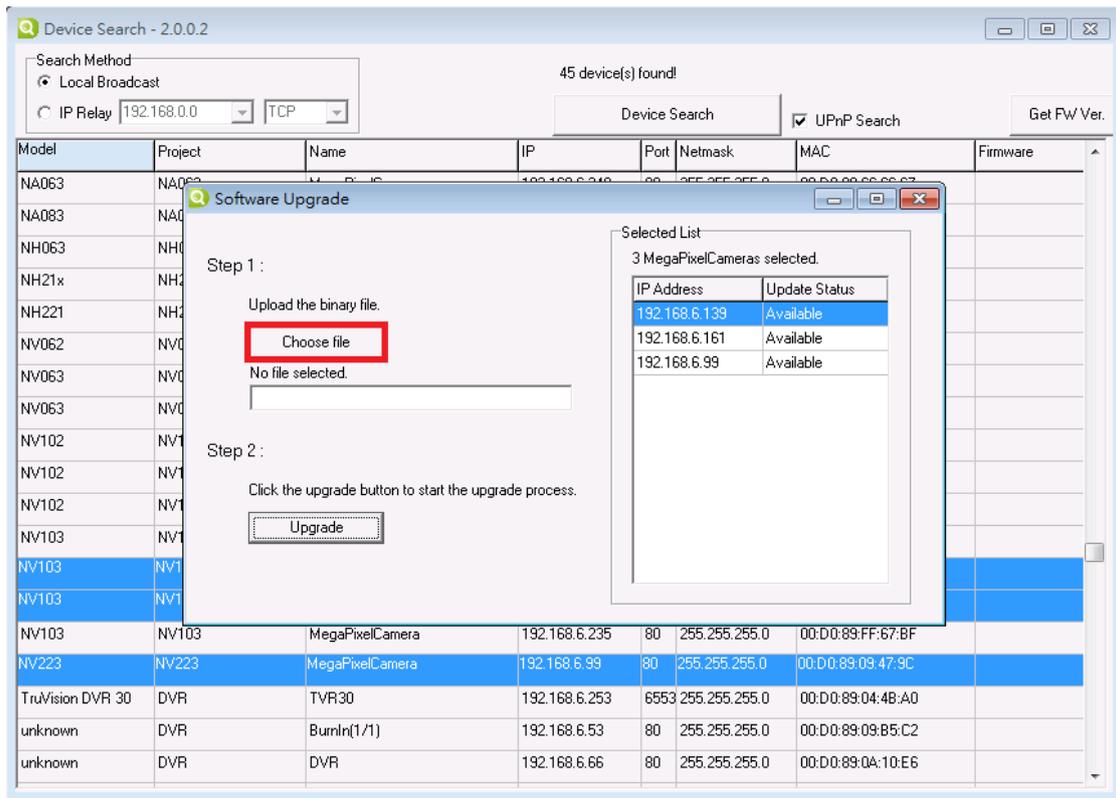
Device Search | UPrP Search | Get FW Ver.

Model	Project	Name	IP	Port	Netmask	MAC	Firmware
NA063	NA063	MegaPixelCamera	192.168.6.249	80	255.255.255.0	00:D0:89:66:66:67	
NA083	NA083	MegaPixelCamera	192.168.6.227	80	255.255.255.0	00:D0:89:0A:4C:73	
NH063	NH063	MegaPixelCamera	192.168.6.214	80	255.255.255.0	00:01:02:03:04:05	
NH21x	NH21x	MegaPixelCamera	192.168.6.124	80	255.255.255.0	00:D0:89:01:F3:50	
NH221	NH221	MegaPixelCamera	192.168.6.224	80	255.255.255.0	60:9A:A4:00:09:48	
NV062	NV062	MegaPixelCamera	192.168.6.188	80	255.255.255.0	00:D0:89:06:9A:E1	
NV063	NV063	MegaPixelCamera	192.168.6.229	80	255.255.255.0	00:D0:89:0A:97:BB	
NV063	NV063	MegaPixelCamera	192.168.6.64	80	255.255.255.0	00:D0:89:08:A9:FD	
NV102	NV102	MegaPixelCamera	192.168.6.163	80	255.255.255.0	00:D0:89:07:8F:1E	
NV102	NV102	MegaPixelCamera	192.168.6.173	80	255.255.255.0	00:D0:89:07:9C:48	
NV102	NV102	MegaPixelCamera	192.168.6.185	80	255.255.255.0	00:D0:89:07:9C:4A	
NV103	NV103	MegaPixelCamera	192.168.6.138	80	255.255.255.0	00:D0:89:FE:65:93	
NV103	NV103	MegaPixelCamera	192.168.6.139	80	255.255.255.0	00:D0:89:09:20:AE	
NV103	NV103	MegaPixelCamera	192.168.6.161	80	255.255.255.0	00:D0:89:09:AB:F7	
NV103	NV103	MegaPixelCamera	192.168.6.235	80	255.255.255.0	00:D0:89:FF:67:BF	
NV223	NV223	MegaPixelCamera	192.168.6.99	80	255.255.255.0	00:D0:89:09:47:9C	
TruVision DVR 30	DVR	TVR30	192.168.6.253	6553	255.255.255.0	00:D0:89:04:4B:A0	
unknown	DVR	BurnIn(1/1)	192.168.6.53	80	255.255.255.0	00:D0:89:09:B5:C2	
unknown	DVR	DVR	192.168.6.66	80	255.255.255.0	00:D0:89:0A:10:E6	

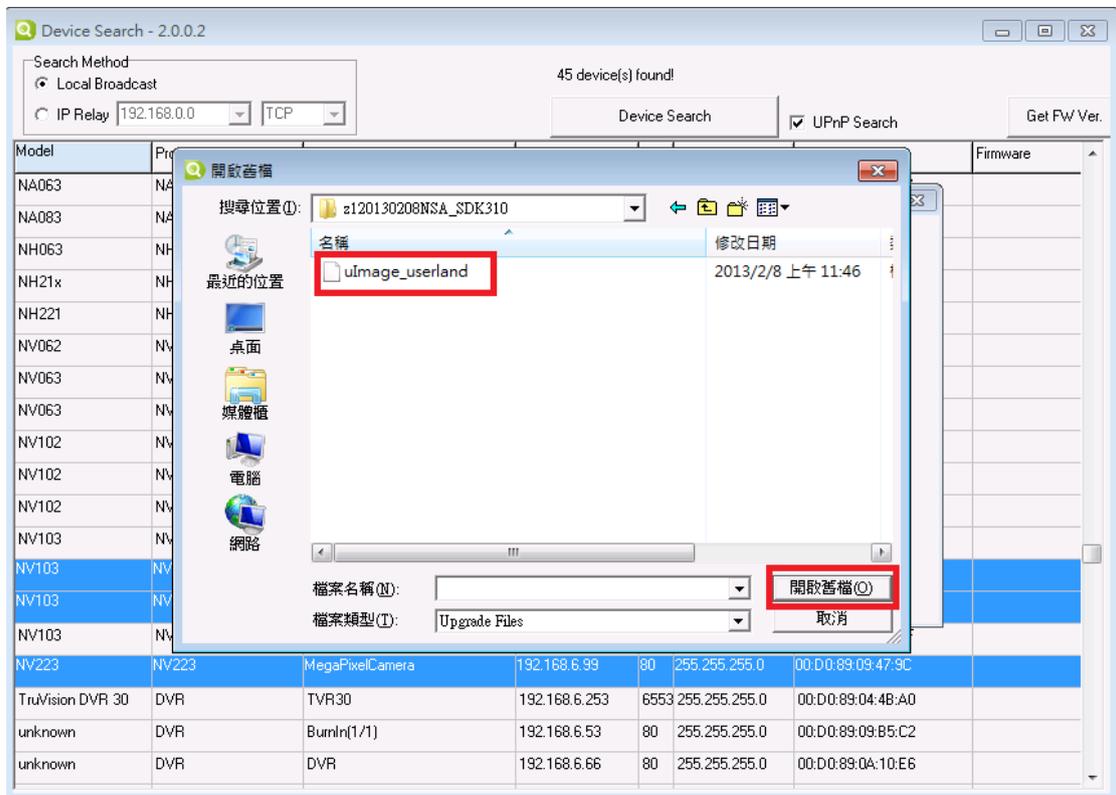
Context menu for selected row:

- Detail info.
- Browse
- Batch Network Setup
- Software Upgrade**

4. Click on **Choose File**



5. Select the upgrade file and click on **Open**.



6. Click on Upgrade

Device Search - 2.0.0.2

Search Method: Local Broadcast

IP Relay: 192.168.0.0 | TCP

45 device(s) found!

Device Search | UPnP Search | Get FW Ver.

Model	Project	Name	IP	Port	Netmask	MAC	Firmware
NA063	NA063	MegaPixelCamera	192.168.6.235	80	255.255.255.0	00:D0:89:FF:67:BF	
NA083	NA083	MegaPixelCamera	192.168.6.99	80	255.255.255.0	00:D0:89:09:47:9C	
NH063	NH063	TVR30	192.168.6.253	6553	255.255.255.0	00:D0:89:04:4B:A0	
NH21x	NH21x	BurnIn(1/1)	192.168.6.53	80	255.255.255.0	00:D0:89:09:B5:C2	
NH221	NH221	DVR	192.168.6.66	80	255.255.255.0	00:D0:89:0A:10:E6	
NV062	NV062						
NV063	NV063						
NV063	NV063						
NV102	NV102						
NV102	NV102						
NV102	NV102						
NV103	NV103						
NV103	NV103						
NV103	NV103						
NV223	NV223						
TruVision DVR 30	DVR	TVR30	192.168.6.253	6553	255.255.255.0	00:D0:89:04:4B:A0	
unknown	DVR	BurnIn(1/1)	192.168.6.53	80	255.255.255.0	00:D0:89:09:B5:C2	
unknown	DVR	DVR	192.168.6.66	80	255.255.255.0	00:D0:89:0A:10:E6	

Software Upgrade

Step 1: Upload the binary file.

Choose file

ulmage_userland

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Step 2: Click the upgrade button to start the upgrade process.

Upgrade

Selected List

3 MegaPixelCameras selected.

IP Address	Update Status
192.168.6.139	Available
192.168.6.161	Available
192.168.6.99	Available

7. Enter the ID /Password and click on Log In

Device Search - 2.0.0.2

Search Method: Local Broadcast

IP Relay: 192.168.0.0 | TCP

45 device(s) found!

Device Search | UPnP Search | Get FW Ver.

Model	Project	Name	IP	Port	Netmask	MAC	Firmware
NA063	NA063	MegaPixelCamera	192.168.6.235	80	255.255.255.0	00:D0:89:FF:67:BF	
NA083	NA083	MegaPixelCamera	192.168.6.99	80	255.255.255.0	00:D0:89:09:47:9C	
NH063	NH063	TVR30	192.168.6.253	6553	255.255.255.0	00:D0:89:04:4B:A0	
NH21x	NH21x	BurnIn(1/1)	192.168.6.53	80	255.255.255.0	00:D0:89:09:B5:C2	
NH221	NH221	DVR	192.168.6.66	80	255.255.255.0	00:D0:89:0A:10:E6	
NV062	NV062						
NV063	NV063						
NV063	NV063						
NV102	NV102						
NV102	NV102						
NV102	NV102						
NV103	NV103						
NV103	NV103						
NV103	NV103						
NV223	NV223						
TruVision DVR 30	DVR	TVR30	192.168.6.253	6553	255.255.255.0	00:D0:89:04:4B:A0	
unknown	DVR	BurnIn(1/1)	192.168.6.53	80	255.255.255.0	00:D0:89:09:B5:C2	
unknown	DVR	DVR	192.168.6.66	80	255.255.255.0	00:D0:89:0A:10:E6	

Software Upgrade

Step 1: Upload the binary file.

Choose file

ulmage_userland

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Step 2: Click the upgrade button to start the upgrade process.

Upgrade

Selected List

3 MegaPixelCameras selected.

IP Address	Update Status
192.168.6.139	Available
192.168.6.161	Available
192.168.6.99	Available

MegapixelIPCamera

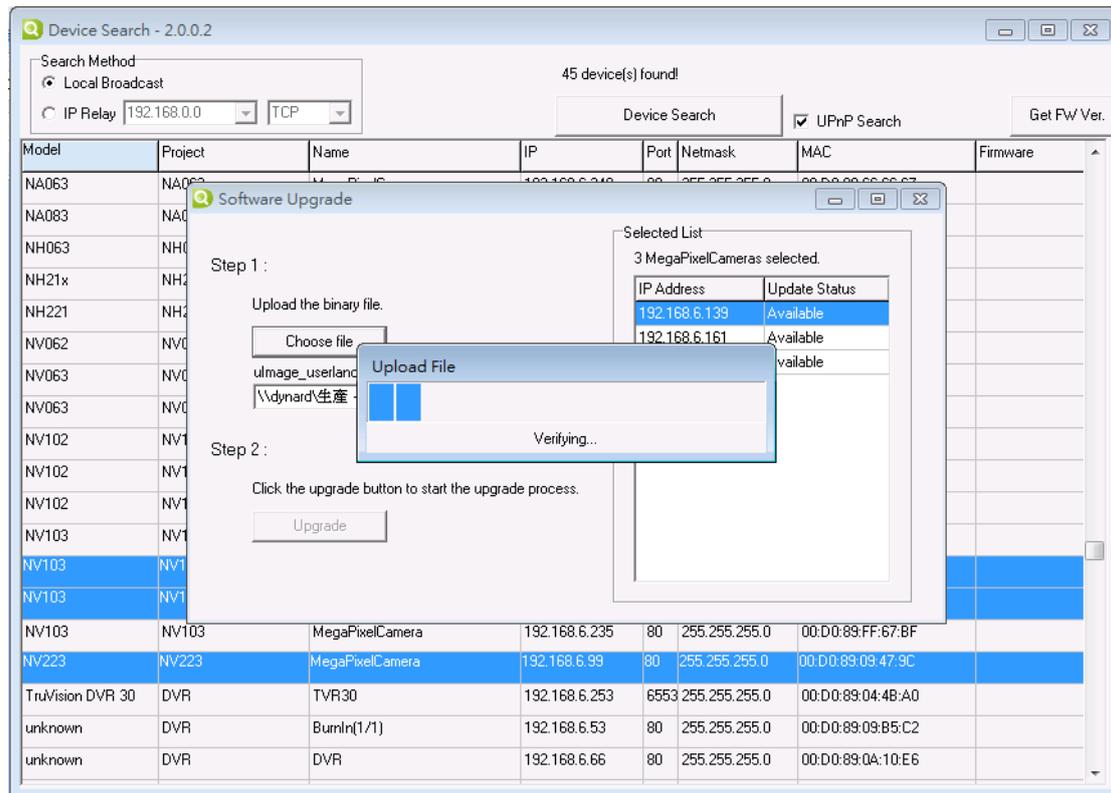
ID:

Password:

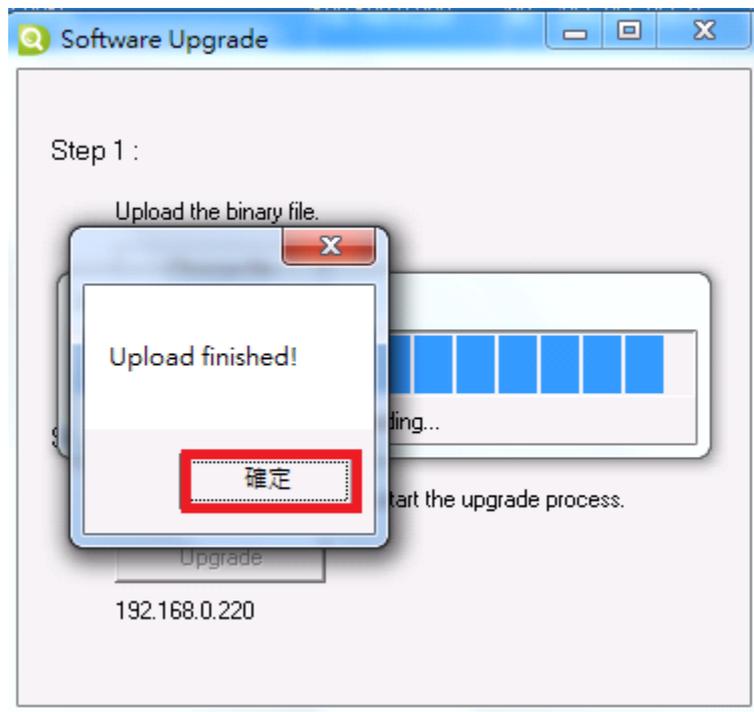
Keep me Signed-In

Log In

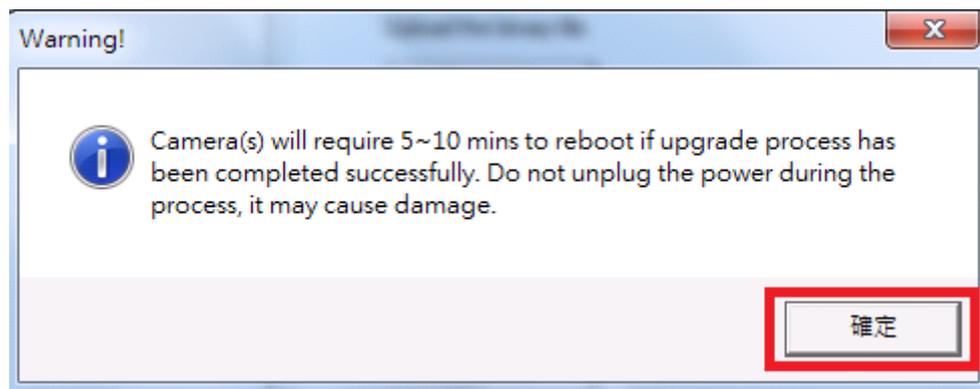
8. Upgrade starts



9. Once the upgrade is complete, Click on OK



10. Click on **OK** to finish the upgrade



B. Get FW version

1. Click on Get FW Ver.

The screenshot shows the 'Device Search - 2.0.0.2' application window. The search method is set to 'Local Broadcast' and the IP Relay is '192.168.0.0'. The search results show 65 devices found. The 'Get FW Ver.' button is highlighted with a red box.

Model	Project	Name	IP	Port	Netmask	MAC	Firmware
DTFF-04	NVR	NVR	192.168.6.109	80	255.255.255.0	00:D0:89:0D:8D:AB	
DTFF-04	NVR	NVR	192.168.6.129	80	255.255.255.0	00:D0:89:0D:8D:A0	
DTFF-04	NVR	NVR	192.168.6.82	80	255.255.255.0	00:D0:89:0C:27:92	
FVS-DVR616UII PRO	DVR	DVR	192.168.6.80	80	255.255.255.0	00:D0:89:09:76:CF	
HD-04	DVR	DVR	169.254.215.159	80	255.255.0.0	00:D0:89:00:02:10	
HD-04	DVR	DVR	192.168.6.52	80	255.255.255.0	00:D0:89:0C:D4:20	
HDVR-8164-AI	DVR	DVR	192.168.6.141	80	255.255.255.0	00:D0:89:09:B5:E2	
HDVR-884-AI	DVR	DVR	169.254.46.155	80	255.255.0.0	00:D0:89:09:E3:0F	
I60	NVR	NVR	192.168.6.119	80	255.255.255.0	00:D0:89:0D:13:80	
I60	NVR	NVR	192.168.6.140	80	255.255.255.0	00:D0:89:0D:13:78	
I60	NVR	NVR	192.168.6.145	80	255.255.255.0	00:D0:89:0D:13:7D	
I60	NVR	NVR	192.168.6.50	80	255.255.255.0	00:D0:89:0D:13:7E	
I60	NVR	NVRLLL-1	192.168.6.102	80	255.255.255.0	00:D0:89:0D:13:75	
L086G2	DVR	DVR	192.168.6.115	80	255.255.255.0	00:D0:89:08:F3:86	
L08D9-08G2	DVR	DVR	192.168.6.155	80	255.255.255.0	00:D0:89:81:85:04	
LNR104	DVR	NVR	192.168.6.144	80	255.255.255.0	00:D0:89:07:5A:A0	
M086A	DVR	DVR80	192.168.6.160	80	255.255.255.0	00:D0:89:03:4D:5F	
NA083	NA083	MegaPixelCamera	192.168.6.227	80	255.255.255.0	00:D0:89:0A:4C:73	
NH063	NH063	MegaPixelCamera	192.168.6.214	80	255.255.255.0	00:01:02:03:04:05	

2. Enter the ID /Password and click on Log In

The screenshot shows the 'Device Search - 2.0.0.2' application window. The search method is set to 'Local Broadcast' and the IP Relay is '192.168.0.0'. The search results show 54 devices found. A login dialog box is open over the 'MegapixelIPCamera' device, with the 'Log In' button highlighted by a red box.

Model	Project	Name	IP	Port	Netmask	MAC	Firmware
A-Series016	WindowsNVR	630-Jesse	192.168.6.122	80	255.255.255.0	BC:AE:C5:D6:AB:7D	
A-Series020	WindowsNVR	ivy2-PC	192.168.6.68	2000	255.255.255.0	00:00:00:00:00:03	
CP-RNC-8P20C	CP PLUS	CP-RNC-8P20C	192.168.6.63	80	255.255.255.0	00:40:8C:9F:AB:6B	
D08FF-08G2	DVR	DVR	192.168.6.35	80	255.255.255.0	00:D0:89:0A:49:0E	
D282	D282	Optica Netw				00:01:02:03:04:05	
D98DB-46H	DVR	DVR				00:D0:89:09:B5:C8	
D98DB-80	NVR	NVR				00:D0:89:09:B5:D2	
DG946-FNJ	DVR	DG946-FNJ				00:D0:89:09:B5:DE	
DG946H	DVR	DVR				00:D0:89:09:B5:BE	
DG946H	DVR	DVR				00:D0:89:09:B5:D0	
DIFFFFFFFF-06	NVR	NVR				00:D0:89:60:60:01	
DS600	NAS	ds600-00018E	192.168.6.132	8080	255.255.255.0	00:D0:89:00:01:8E	
FVS-DVR616UII PRO	DVR	DVR	192.168.6.80	80	255.255.255.0	00:D0:89:09:76:CF	
HD-04	DVR	DVR	192.168.6.52	80	255.255.255.0	00:D0:89:0C:D4:20	
HDVR-8164-AI	DVR	DVR	192.168.6.141	80	255.255.255.0	00:D0:89:09:B5:E2	
I60	NVR	NVR	192.168.6.119	80	255.255.255.0	00:D0:89:0D:13:80	
I60	NVR	NVR	192.168.6.140	80	255.255.255.0	00:D0:89:0D:13:78	
I60	NVR	NVR	192.168.6.145	80	255.255.255.0	00:D0:89:0D:13:7D	
I60	NVR	NVR	192.168.6.50	80	255.255.255.0	00:D0:89:0D:13:7E	

MegapixelIPCamera

Please Insert the ID/PW:

ID :

Password :

Keep me Signed In

3. The FW loaded on the device will show up under the Firmware tab

Device Search - 2.0.0.2

Search Method: Local Broadcast (selected), IP Relay: 192.168.0.0, TCP

54 device(s) found

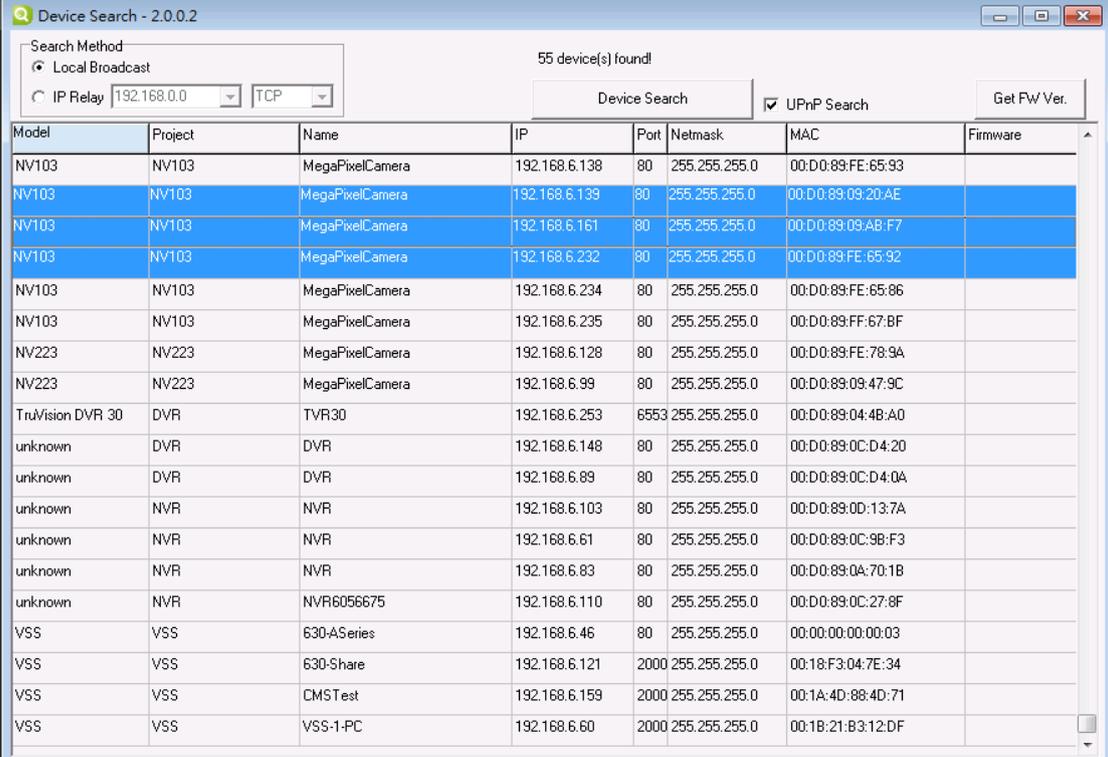
Device Search [] UPrnP Search [x] Getting Ver...

Model	Project	Name	IP	Port	Netmask	MAC	Firmware
NA083	NA083	MegaPixelCamera	192.168.6.227	80	255.255.255.0	00:D0:89:0A:4C:73	120130111NSA
NH063	NH063	MegaPixelCamera	192.168.6.214	80	255.255.255.0	00:01:02:03:04:05	120121005NSA
NH06x	NH06x	MegaPixelCamera	192.168.6.31	80	255.255.255.0	00:D0:89:00:A2:61	120090330NS
NH21x	NH21x	MegaPixelCamera	192.168.6.124	80	255.255.255.0	00:D0:89:01:F3:50	120091021NS
NH221	NH221	MegaPixelCamera	192.168.6.224	80	255.255.255.0	60:9A:A4:00:09:48	120111031NS
NV062	NV062	MegaPixelCamera	192.168.6.188	80	255.255.255.0	00:D0:89:06:9A:E1	120110711ANS
NV063	NV063	MegaPixelCamera	192.168.6.229	80	255.255.255.0	00:D0:89:0A:97:BB	120130208NSA
NV063	NV063	MegaPixelCamera	192.168.6.64	80	255.255.255.0	00:D0:89:08:A9:FD	120121116NSA
NV102	NV102	MegaPixelCamera	192.168.6.163	80	255.255.255.0	00:D0:89:07:8F:1E	120111213BNS
NV102	NV102	MegaPixelCamera	192.168.6.173	80	255.255.255.0	00:D0:89:07:9C:48	120120814BNS
NV102	NV102	MegaPixelCamera	192.168.6.185	80	255.255.255.0	00:D0:89:07:9C:4A	120110811ANS
NV102	NV102	MegaPixelPCamera	192.168.6.36	80	255.255.255.0	00:D0:89:07:9C:46	120110811ANS
NV103	NV103	MegaPixelCamera	192.168.6.107	80	255.255.255.0	00:D0:89:08:39:45	
NV103	NV103	MegaPixelCamera	192.168.6.138	80	255.255.255.0	00:D0:89:FE:65:93	120120713NSA
NV103	NV103	MegaPixelCamera	192.168.6.139	80	255.255.255.0	00:D0:89:09:20:AE	120121212NSA
NV103	NV103	MegaPixelCamera	192.168.6.232	80	255.255.255.0	00:D0:89:FE:65:92	120120713NSA
NV103	NV103	MegaPixelCamera	192.168.6.234	80	255.255.255.0	00:D0:89:FE:65:86	120120713NSA
NV103	NV103	MegaPixelCamera	192.168.6.235	80	255.255.255.0	00:D0:89:FF:67:BF	120120713NSA
NV223	NV223	MegaPixelCamera	192.168.6.99	80	255.255.255.0	00:D0:89:09:47:9C	120121116NSA

C. Batch Network Setup

a. Static IP Allocate

1. Hold the Ctrl button and click the mouse to select the devices you would like to upgrade



Device Search - 2.0.0.2

Search Method: Local Broadcast

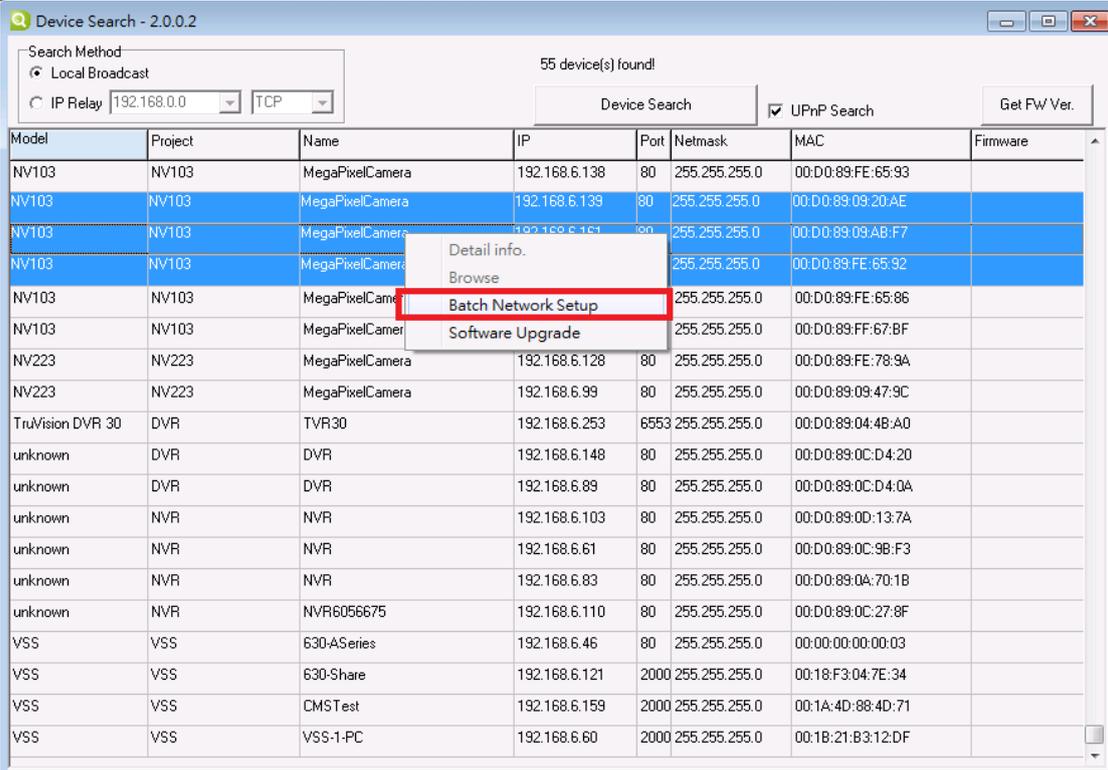
IP Relay: 192.168.0.0 | TCP

55 device(s) found!

Device Search | UPrnP Search | Get FW Ver.

Model	Project	Name	IP	Port	Netmask	MAC	Firmware
NV103	NV103	MegaPixelCamera	192.168.6.138	80	255.255.255.0	00:D0:89:FE:65:93	
NV103	NV103	MegaPixelCamera	192.168.6.139	80	255.255.255.0	00:D0:89:09:20:AE	
NV103	NV103	MegaPixelCamera	192.168.6.161	80	255.255.255.0	00:D0:89:09:AB:F7	
NV103	NV103	MegaPixelCamera	192.168.6.232	80	255.255.255.0	00:D0:89:FE:65:92	
NV103	NV103	MegaPixelCamera	192.168.6.234	80	255.255.255.0	00:D0:89:FE:65:86	
NV103	NV103	MegaPixelCamera	192.168.6.235	80	255.255.255.0	00:D0:89:FF:67:BF	
NV223	NV223	MegaPixelCamera	192.168.6.128	80	255.255.255.0	00:D0:89:FE:78:9A	
NV223	NV223	MegaPixelCamera	192.168.6.99	80	255.255.255.0	00:D0:89:09:47:9C	
TruVision DVR 30	DVR	TVR30	192.168.6.253	6553	255.255.255.0	00:D0:89:04:4B:A0	
unknown	DVR	DVR	192.168.6.148	80	255.255.255.0	00:D0:89:0C:D4:20	
unknown	DVR	DVR	192.168.6.89	80	255.255.255.0	00:D0:89:0C:D4:0A	
unknown	NVR	NVR	192.168.6.103	80	255.255.255.0	00:D0:89:0D:13:7A	
unknown	NVR	NVR	192.168.6.61	80	255.255.255.0	00:D0:89:0C:9B:F3	
unknown	NVR	NVR	192.168.6.83	80	255.255.255.0	00:D0:89:0A:70:1B	
unknown	NVR	NVR6056675	192.168.6.110	80	255.255.255.0	00:D0:89:0C:27:8F	
VSS	VSS	630-ASeries	192.168.6.46	80	255.255.255.0	00:00:00:00:00:03	
VSS	VSS	630-Share	192.168.6.121	2000	255.255.255.0	00:18:F3:04:7E:34	
VSS	VSS	CMSTest	192.168.6.159	2000	255.255.255.0	00:1A:4D:88:4D:71	
VSS	VSS	VSS-1-PC	192.168.6.60	2000	255.255.255.0	00:1B:21:B3:12:DF	

2. Left click the mouse and then click on **Batch Network Setup**



Device Search - 2.0.0.2

Search Method: Local Broadcast

IP Relay: 192.168.0.0 | TCP

55 device(s) found!

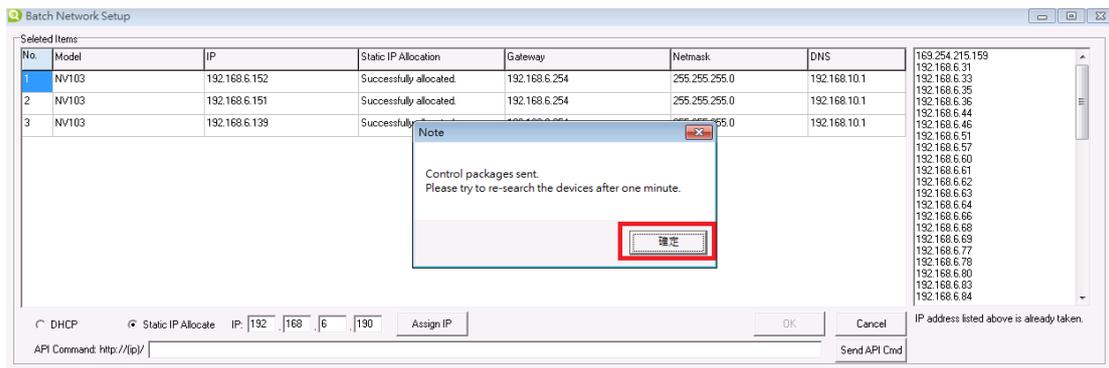
Device Search | UPrnP Search | Get FW Ver.

Model	Project	Name	IP	Port	Netmask	MAC	Firmware
NV103	NV103	MegaPixelCamera	192.168.6.138	80	255.255.255.0	00:D0:89:FE:65:93	
NV103	NV103	MegaPixelCamera	192.168.6.139	80	255.255.255.0	00:D0:89:09:20:AE	
NV103	NV103	MegaPixelCamera	192.168.6.161	80	255.255.255.0	00:D0:89:09:AB:F7	
NV103	NV103	MegaPixelCamera	192.168.6.232	80	255.255.255.0	00:D0:89:FE:65:92	
NV103	NV103	MegaPixelCamera	192.168.6.234	80	255.255.255.0	00:D0:89:FE:65:86	
NV103	NV103	MegaPixelCamera	192.168.6.235	80	255.255.255.0	00:D0:89:FF:67:BF	
NV223	NV223	MegaPixelCamera	192.168.6.128	80	255.255.255.0	00:D0:89:FE:78:9A	
NV223	NV223	MegaPixelCamera	192.168.6.99	80	255.255.255.0	00:D0:89:09:47:9C	
TruVision DVR 30	DVR	TVR30	192.168.6.253	6553	255.255.255.0	00:D0:89:04:4B:A0	
unknown	DVR	DVR	192.168.6.148	80	255.255.255.0	00:D0:89:0C:D4:20	
unknown	DVR	DVR	192.168.6.89	80	255.255.255.0	00:D0:89:0C:D4:0A	
unknown	NVR	NVR	192.168.6.103	80	255.255.255.0	00:D0:89:0D:13:7A	
unknown	NVR	NVR	192.168.6.61	80	255.255.255.0	00:D0:89:0C:9B:F3	
unknown	NVR	NVR	192.168.6.83	80	255.255.255.0	00:D0:89:0A:70:1B	
unknown	NVR	NVR6056675	192.168.6.110	80	255.255.255.0	00:D0:89:0C:27:8F	
VSS	VSS	630-ASeries	192.168.6.46	80	255.255.255.0	00:00:00:00:00:03	
VSS	VSS	630-Share	192.168.6.121	2000	255.255.255.0	00:18:F3:04:7E:34	
VSS	VSS	CMSTest	192.168.6.159	2000	255.255.255.0	00:1A:4D:88:4D:71	
VSS	VSS	VSS-1-PC	192.168.6.60	2000	255.255.255.0	00:1B:21:B3:12:DF	

Context Menu:

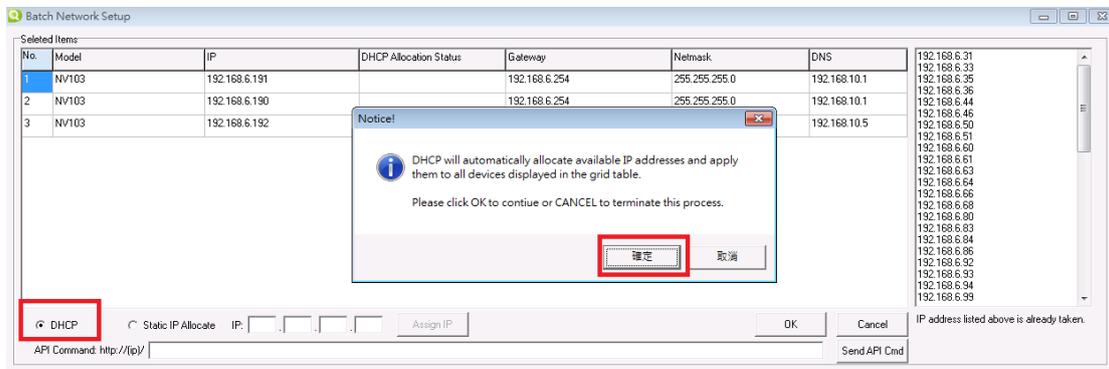
- Detail info.
- Browse
- Batch Network Setup**
- Software Upgrade

5. Click on **OK** and research the devices after one minutes

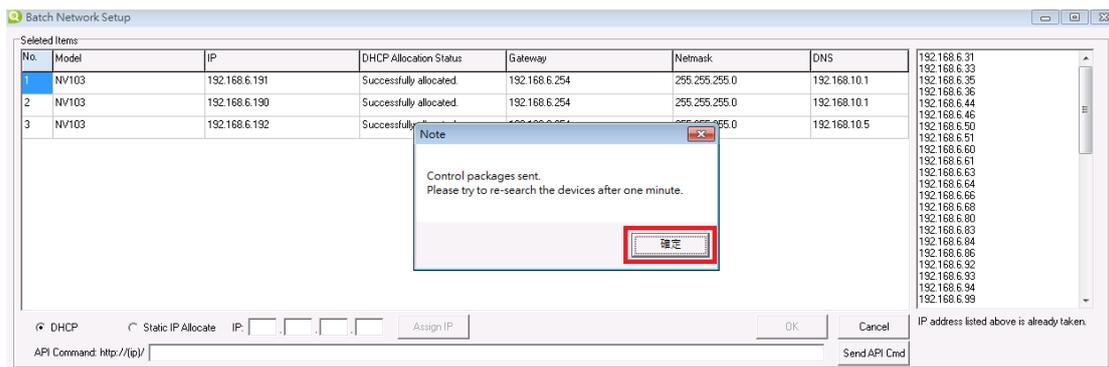


b. DHCP

1. Select DHCP and the warning message will pop up.
Click on **OK** and the control packages will be sent

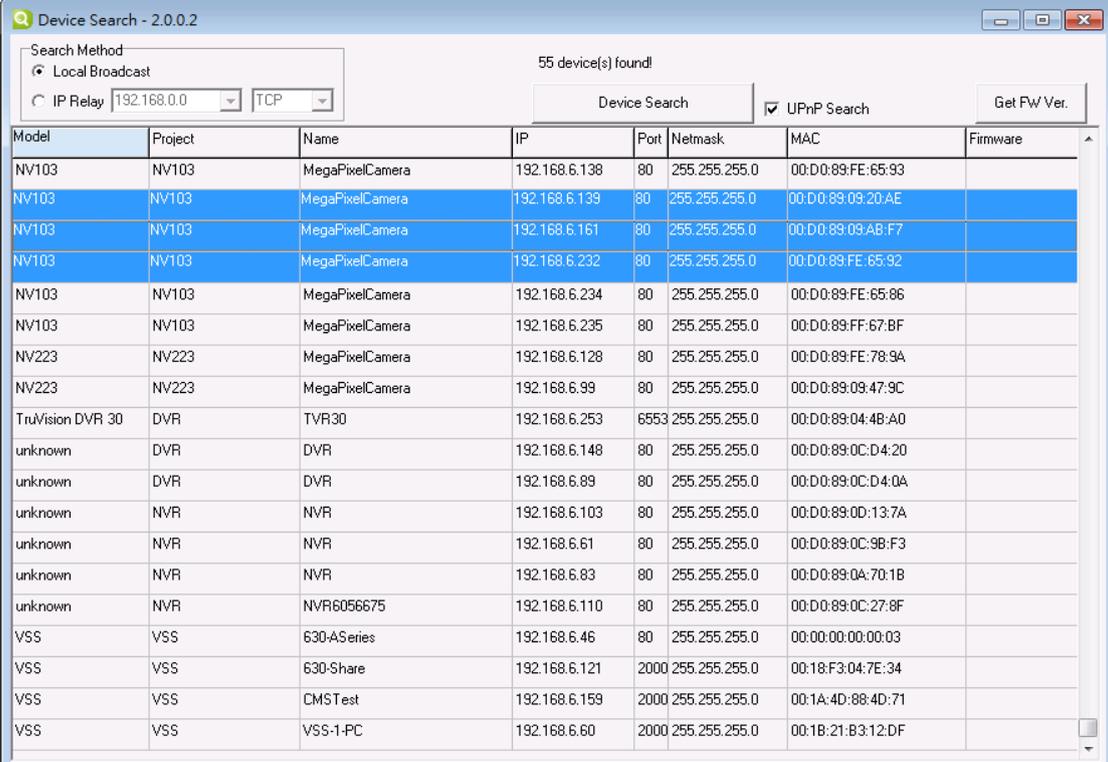


2. Click on **OK** and research the devices after one minutes



D. Batch Camera Setup

1. Hold the Ctrl button and click the mouse to select the devices you would like to upgrade



Device Search - 2.0.0.2

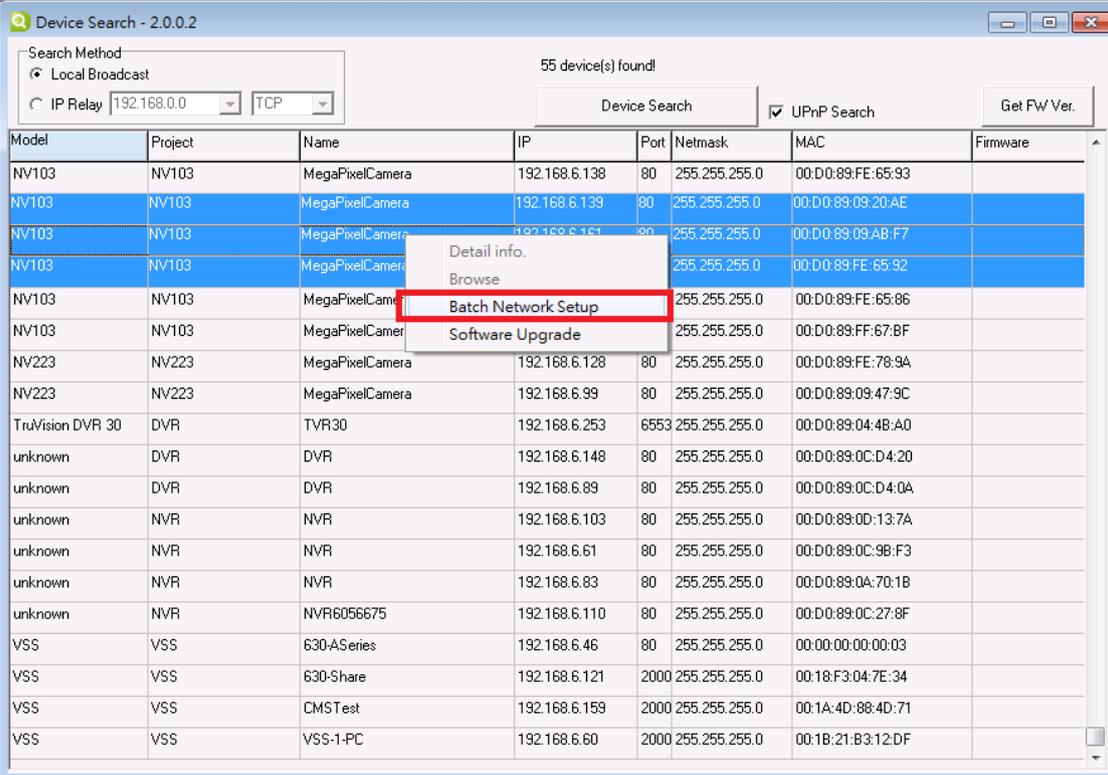
Search Method: Local Broadcast (selected), IP Relay: 192.168.0.0, TCP (selected)

55 device(s) found!

Device Search [] UPrnP Search [x] Get FW Ver. []

Model	Project	Name	IP	Port	Netmask	MAC	Firmware
NV103	NV103	MegaPixelCamera	192.168.6.138	80	255.255.255.0	00:D0:89:FE:65:93	
NV103	NV103	MegaPixelCamera	192.168.6.139	80	255.255.255.0	00:D0:89:09:20:AE	
NV103	NV103	MegaPixelCamera	192.168.6.161	80	255.255.255.0	00:D0:89:09:AB:F7	
NV103	NV103	MegaPixelCamera	192.168.6.232	80	255.255.255.0	00:D0:89:FE:65:92	
NV103	NV103	MegaPixelCamera	192.168.6.234	80	255.255.255.0	00:D0:89:FE:65:86	
NV103	NV103	MegaPixelCamera	192.168.6.235	80	255.255.255.0	00:D0:89:FF:67:BF	
NV223	NV223	MegaPixelCamera	192.168.6.128	80	255.255.255.0	00:D0:89:FE:78:9A	
NV223	NV223	MegaPixelCamera	192.168.6.99	80	255.255.255.0	00:D0:89:09:47:9C	
TruVision DVR 30	DVR	TVR30	192.168.6.253	6553	255.255.255.0	00:D0:89:04:4B:A0	
unknown	DVR	DVR	192.168.6.148	80	255.255.255.0	00:D0:89:0C:D4:20	
unknown	DVR	DVR	192.168.6.89	80	255.255.255.0	00:D0:89:0C:D4:0A	
unknown	NVR	NVR	192.168.6.103	80	255.255.255.0	00:D0:89:0D:13:7A	
unknown	NVR	NVR	192.168.6.61	80	255.255.255.0	00:D0:89:0C:9B:F3	
unknown	NVR	NVR	192.168.6.83	80	255.255.255.0	00:D0:89:0A:70:1B	
unknown	NVR	NVR6056675	192.168.6.110	80	255.255.255.0	00:D0:89:0C:27:8F	
VSS	VSS	630-A Series	192.168.6.46	80	255.255.255.0	00:00:00:00:00:03	
VSS	VSS	630-Share	192.168.6.121	2000	255.255.255.0	00:18:F3:04:7E:34	
VSS	VSS	CMSTest	192.168.6.159	2000	255.255.255.0	00:1A:4D:88:4D:71	
VSS	VSS	VSS-1-PC	192.168.6.60	2000	255.255.255.0	00:1B:21:B3:12:DF	

2. Left click the mouse and then click on **Batch Network Setup**



Device Search - 2.0.0.2

Search Method: Local Broadcast (selected), IP Relay: 192.168.0.0, TCP (selected)

55 device(s) found!

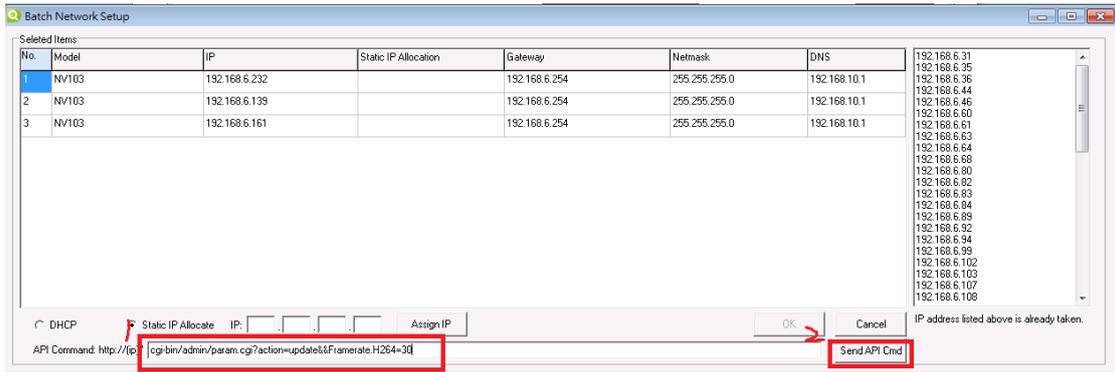
Device Search [] UPrnP Search [x] Get FW Ver. []

Model	Project	Name	IP	Port	Netmask	MAC	Firmware
NV103	NV103	MegaPixelCamera	192.168.6.138	80	255.255.255.0	00:D0:89:FE:65:93	
NV103	NV103	MegaPixelCamera	192.168.6.139	80	255.255.255.0	00:D0:89:09:20:AE	
NV103	NV103	MegaPixelCamera	192.168.6.161	80	255.255.255.0	00:D0:89:09:AB:F7	
NV103	NV103	MegaPixelCamera	192.168.6.232	80	255.255.255.0	00:D0:89:FE:65:92	
NV103	NV103	MegaPixelCamera	192.168.6.234	80	255.255.255.0	00:D0:89:FE:65:86	
NV103	NV103	MegaPixelCamera	192.168.6.235	80	255.255.255.0	00:D0:89:FF:67:BF	
NV223	NV223	MegaPixelCamera	192.168.6.128	80	255.255.255.0	00:D0:89:FE:78:9A	
NV223	NV223	MegaPixelCamera	192.168.6.99	80	255.255.255.0	00:D0:89:09:47:9C	
TruVision DVR 30	DVR	TVR30	192.168.6.253	6553	255.255.255.0	00:D0:89:04:4B:A0	
unknown	DVR	DVR	192.168.6.148	80	255.255.255.0	00:D0:89:0C:D4:20	
unknown	DVR	DVR	192.168.6.89	80	255.255.255.0	00:D0:89:0C:D4:0A	
unknown	NVR	NVR	192.168.6.103	80	255.255.255.0	00:D0:89:0D:13:7A	
unknown	NVR	NVR	192.168.6.61	80	255.255.255.0	00:D0:89:0C:9B:F3	
unknown	NVR	NVR	192.168.6.83	80	255.255.255.0	00:D0:89:0A:70:1B	
unknown	NVR	NVR6056675	192.168.6.110	80	255.255.255.0	00:D0:89:0C:27:8F	
VSS	VSS	630-A Series	192.168.6.46	80	255.255.255.0	00:00:00:00:00:03	
VSS	VSS	630-Share	192.168.6.121	2000	255.255.255.0	00:18:F3:04:7E:34	
VSS	VSS	CMSTest	192.168.6.159	2000	255.255.255.0	00:1A:4D:88:4D:71	
VSS	VSS	VSS-1-PC	192.168.6.60	2000	255.255.255.0	00:1B:21:B3:12:DF	

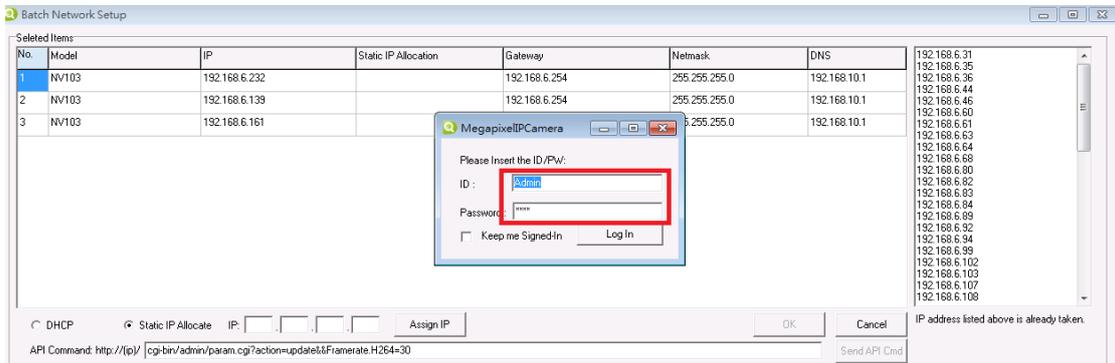
Context Menu:

- Detail info.
- Browse
- Batch Network Setup**
- Software Upgrade

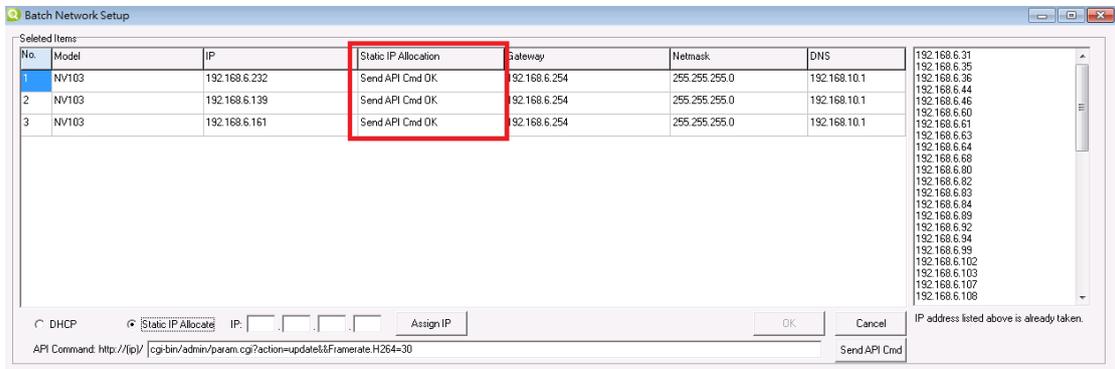
3. Enter the API command and click on **Send API Cmd**



4. Enter the ID /Password and click on **Log In**



5. If the API command is sending successfully, device search will return **“Send API Cmd OK”**



Note: As for the API commands, please refer to the documents below:

1. IP Camera Standard API Interface Specification v2 07 (2012-04-23)
2. IP Camera API parameters v2 07 (2012-04-23)