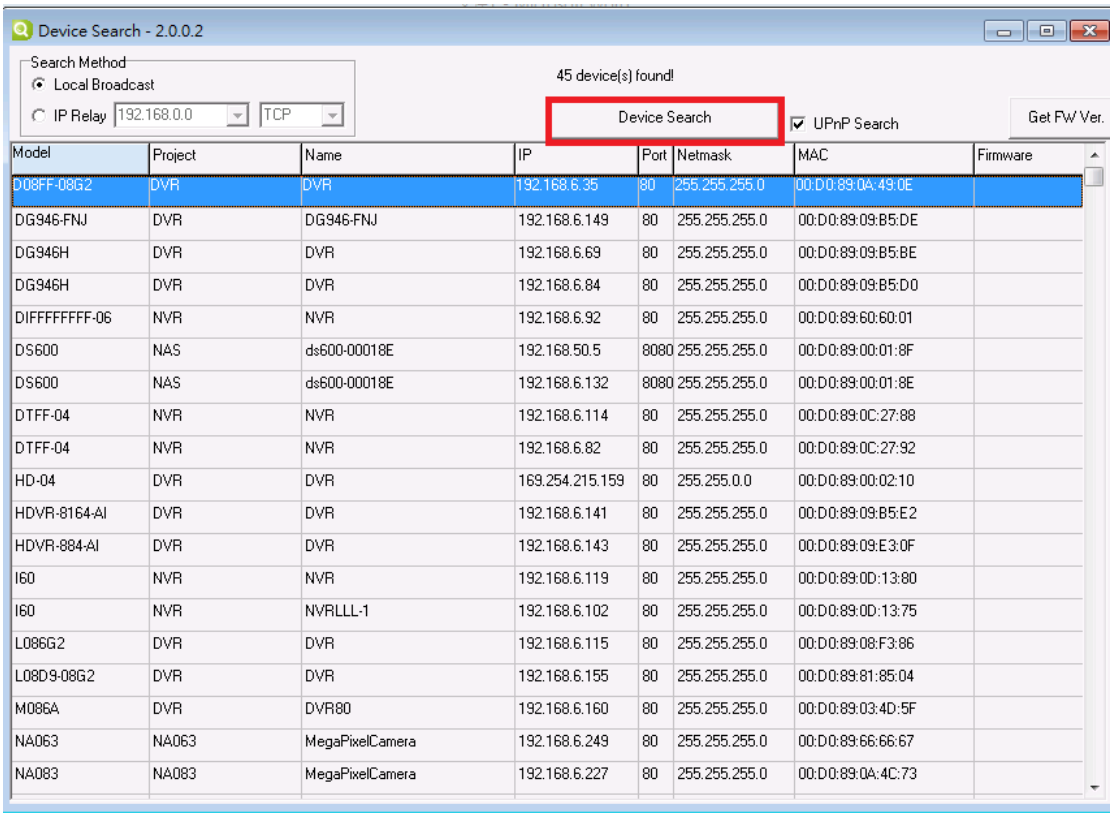
Device Search Guide

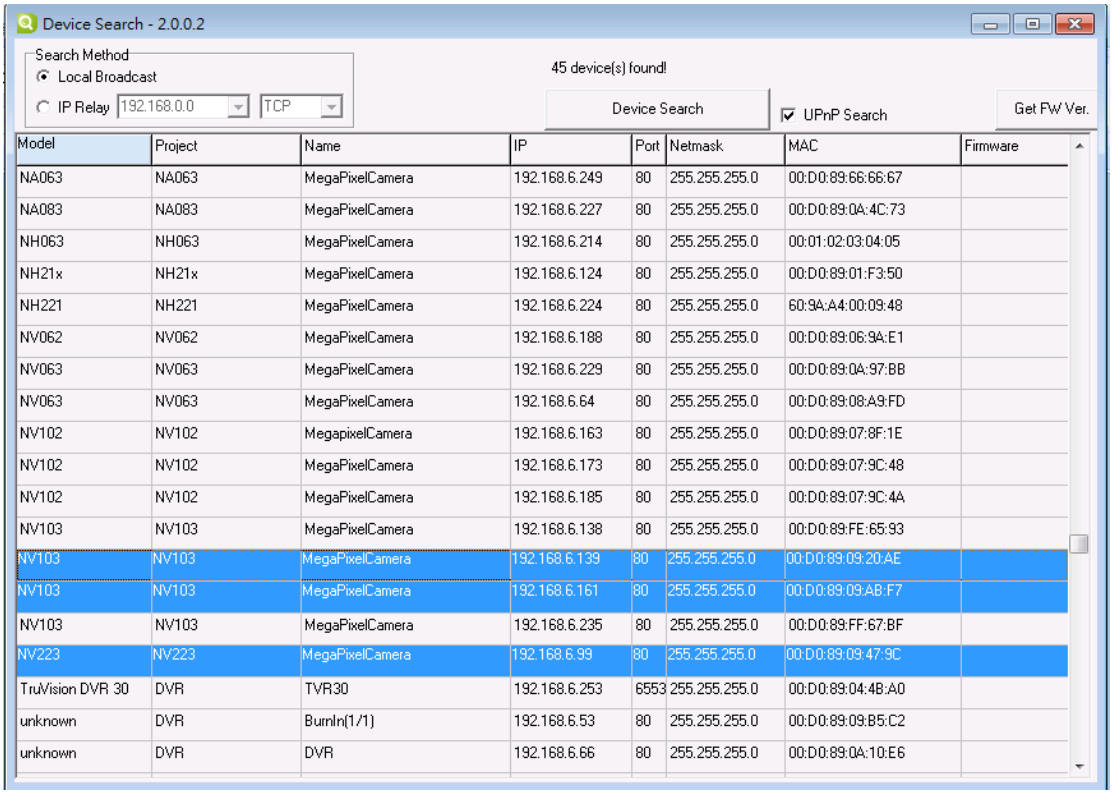
A. Mass FW upgrade

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

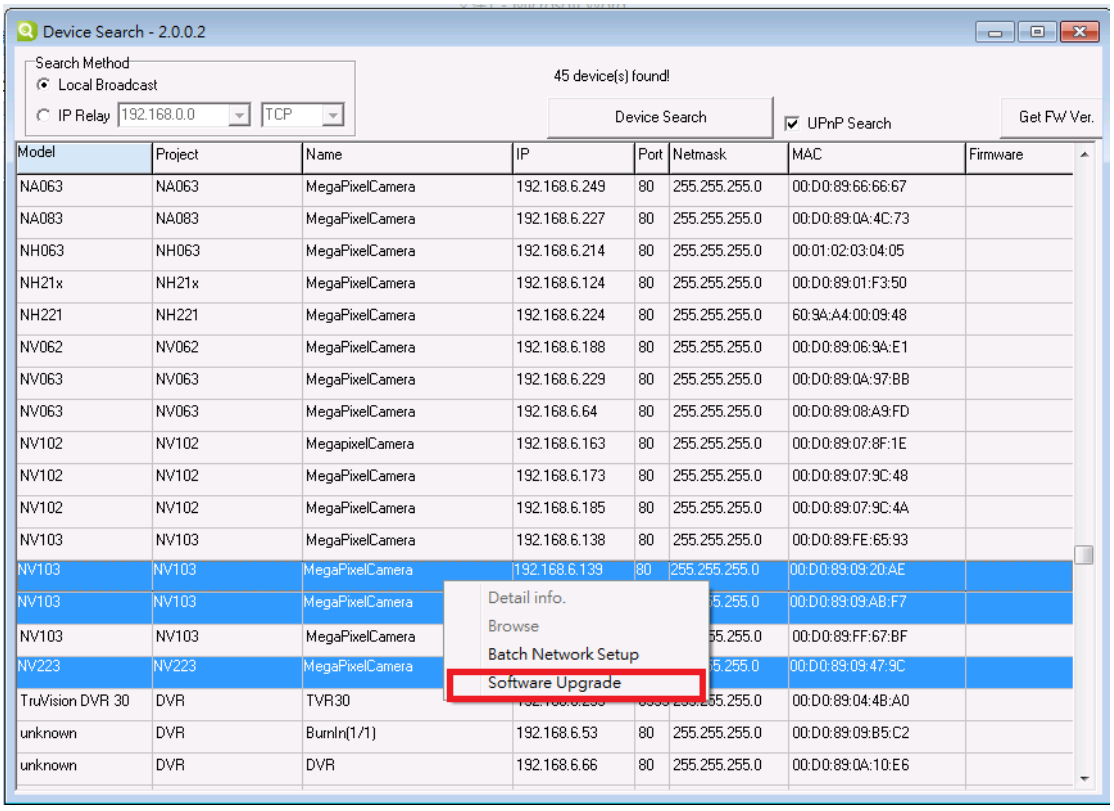


Model	Project	Name	IP	Port	Netmask	MAC	Firmware
D08FF-08G2	DVR	DVR	192.168.6.35	80	255.255.255.0	00:D0:89:0A:49:0E	
DG946-FNJ	DVR	DG946-FNJ	192.168.6.149	80	255.255.255.0	00:D0:89:09:B5:DE	
DG946H	DVR	DVR	192.168.6.69	80	255.255.255.0	00:D0:89:09:B5:BE	
DG946H	DVR	DVR	192.168.6.84	80	255.255.255.0	00:D0:89:09:B5:D0	
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	

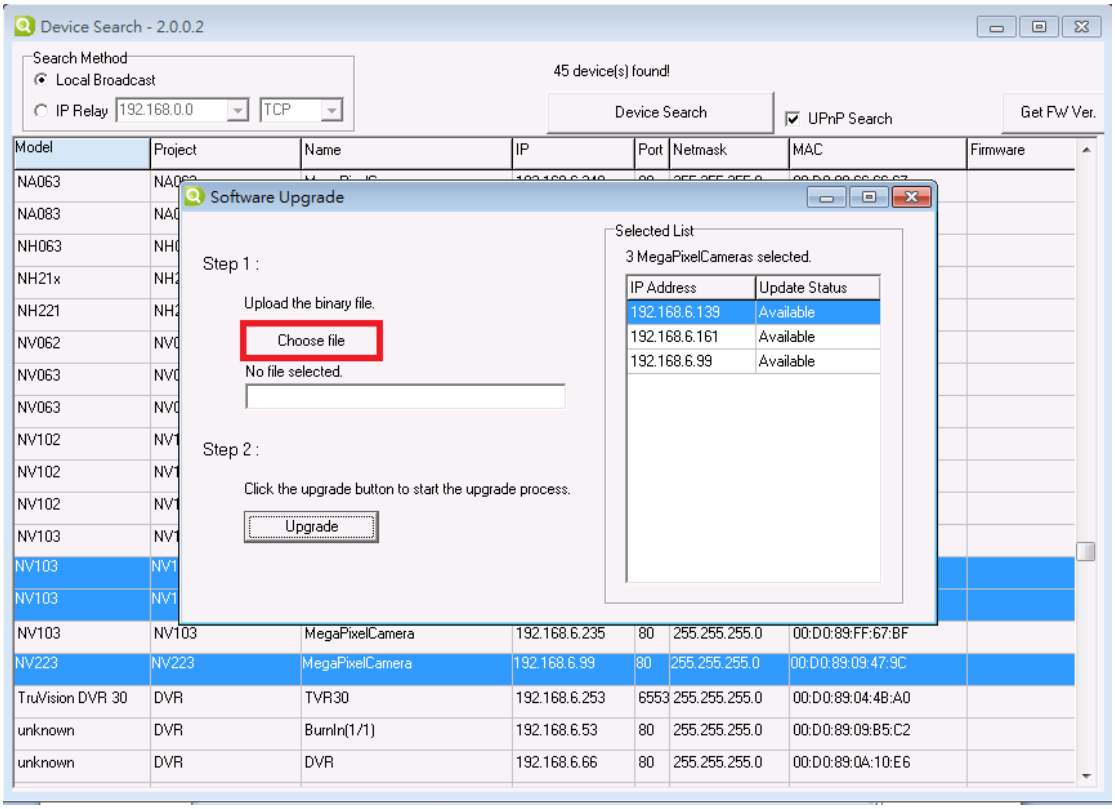
2. Hold the Ctrl button and click the mouse to select the devices you would like to upgrade



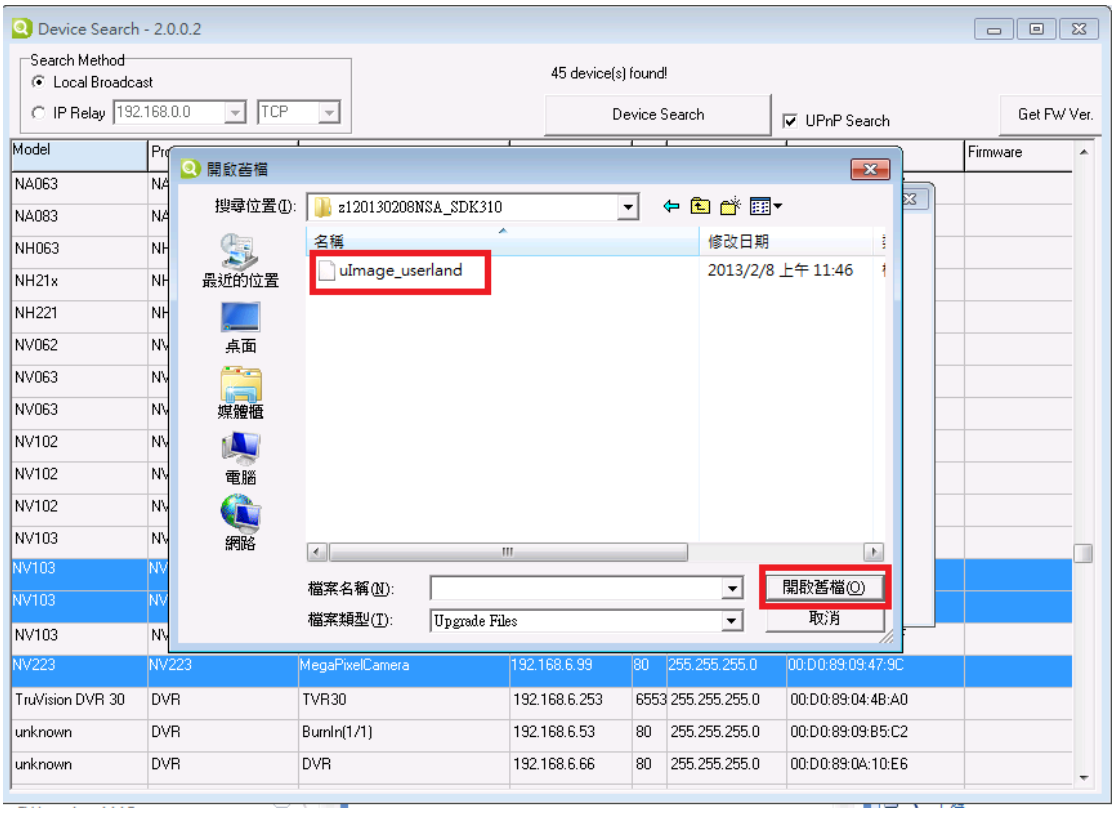
3. Left click the mouse and then click on **Software Upgrade**



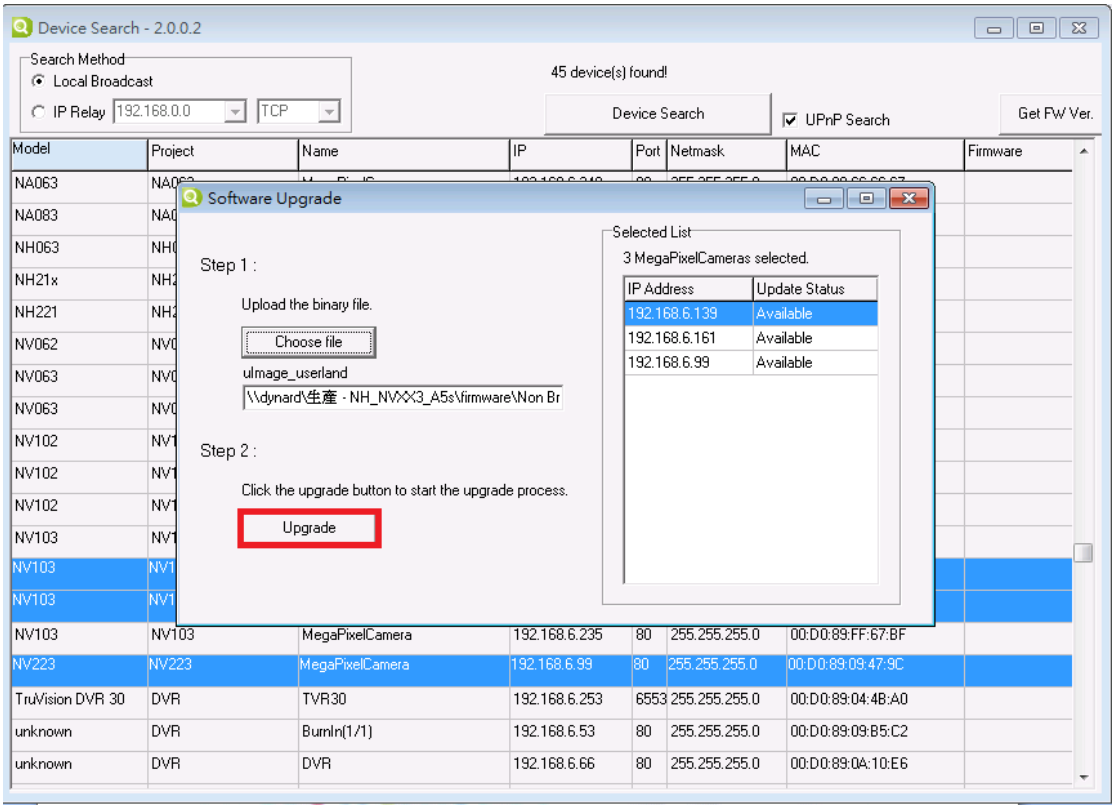
4. Click on **Choose File**



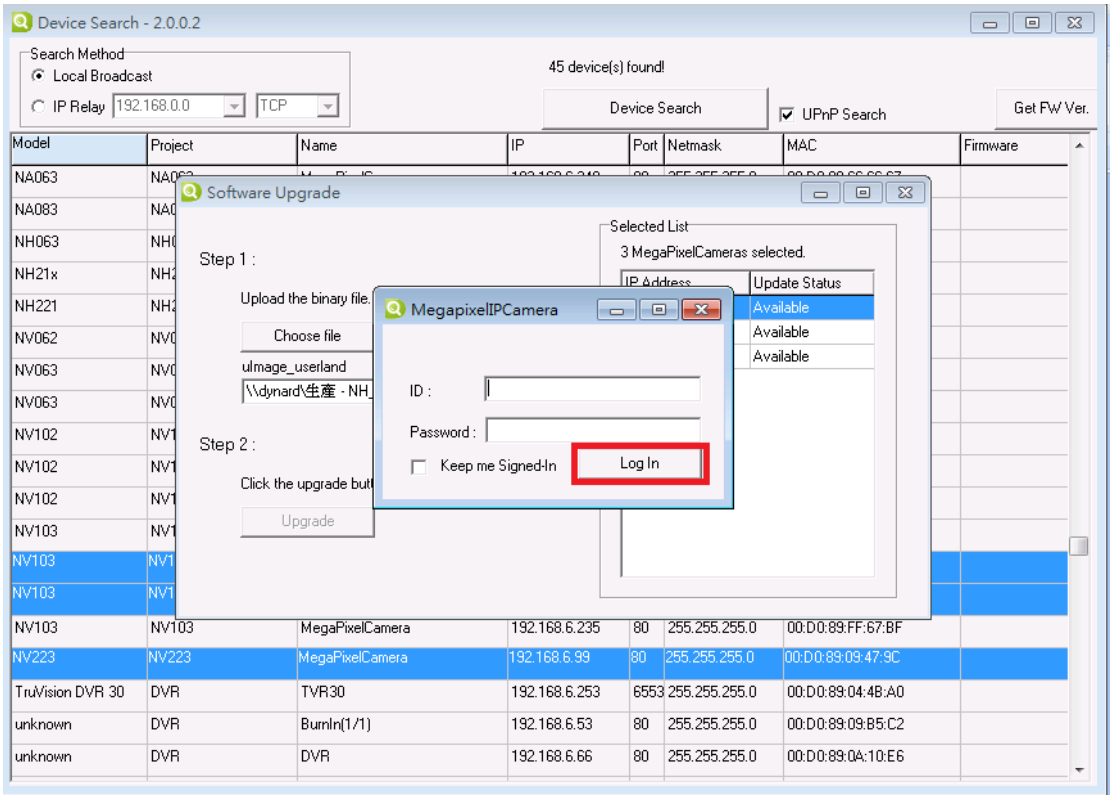
5. Select the upgrade file and click on **Open**.



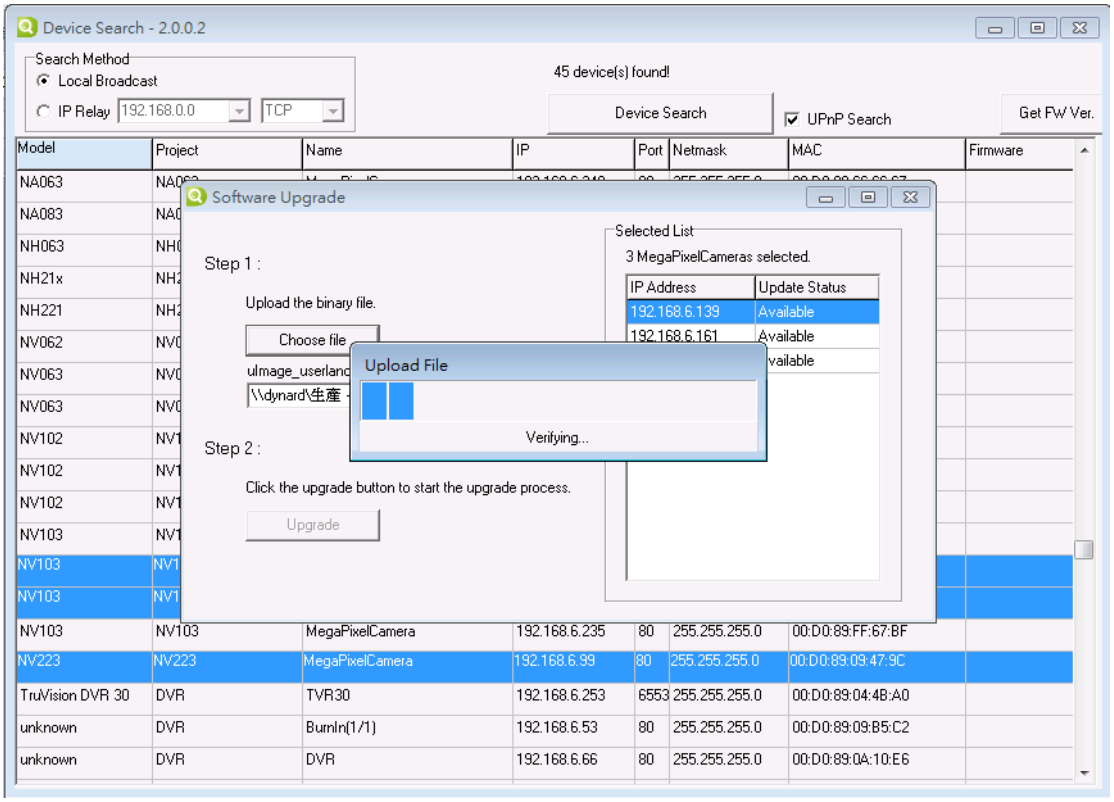
6. Click on **Upgrade**



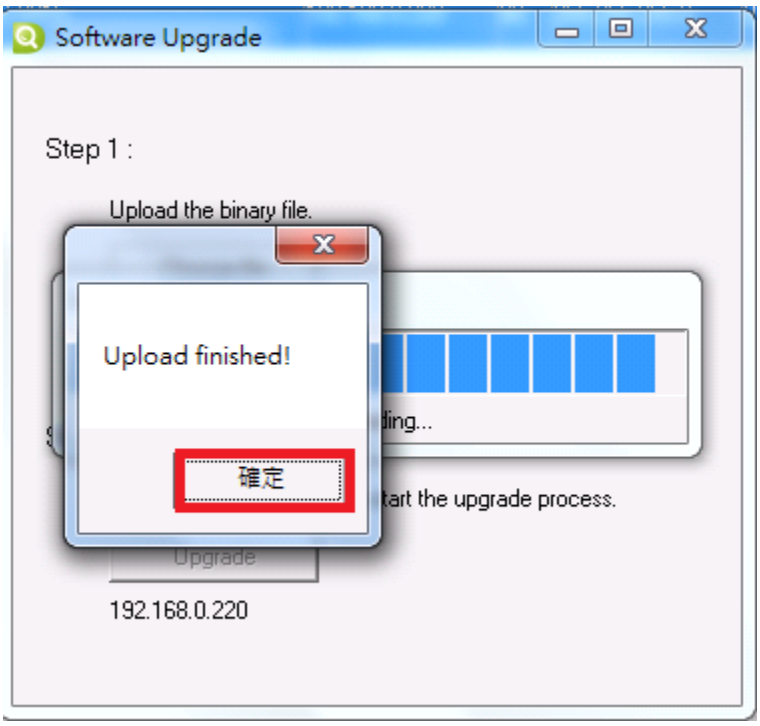
7. Enter the ID /Password and click on **Log In**



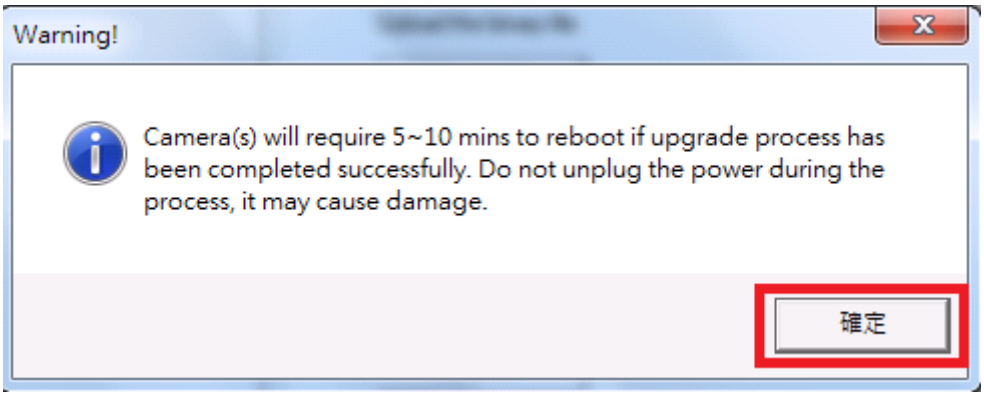
8. Upgrade starts



9. Once the upgrade is complete, Click on **OK**

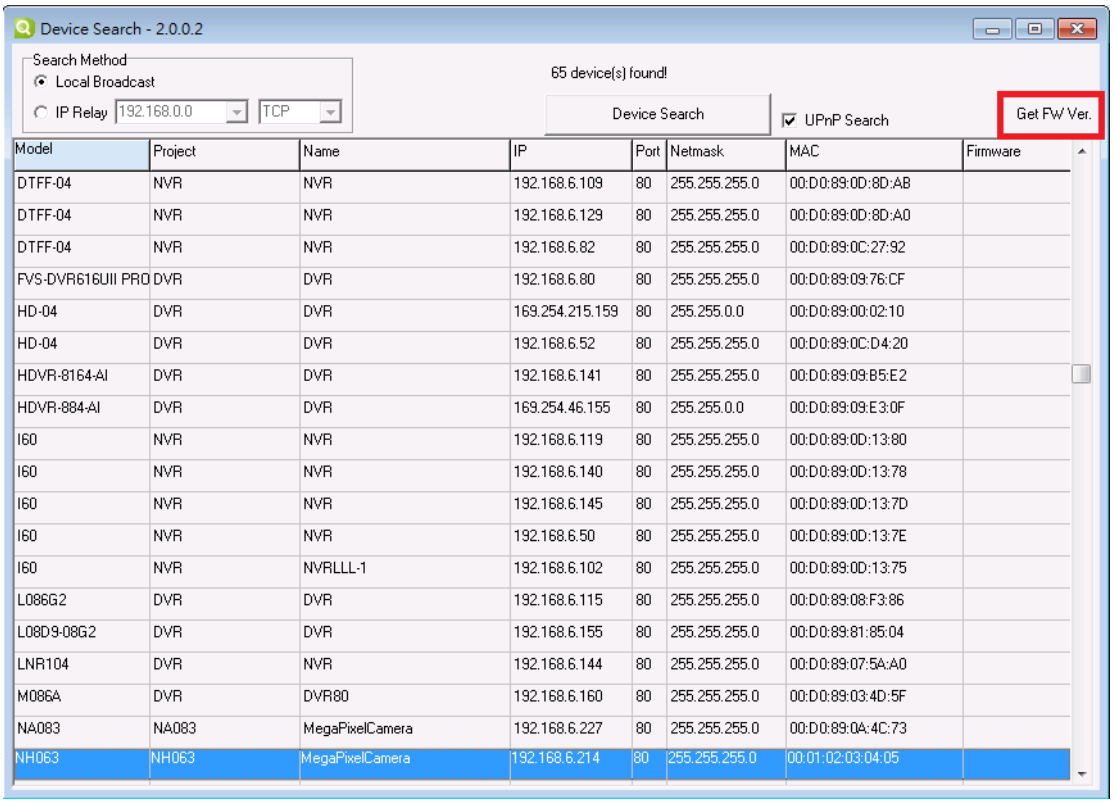


10. Click on **OK** to finish the upgrade



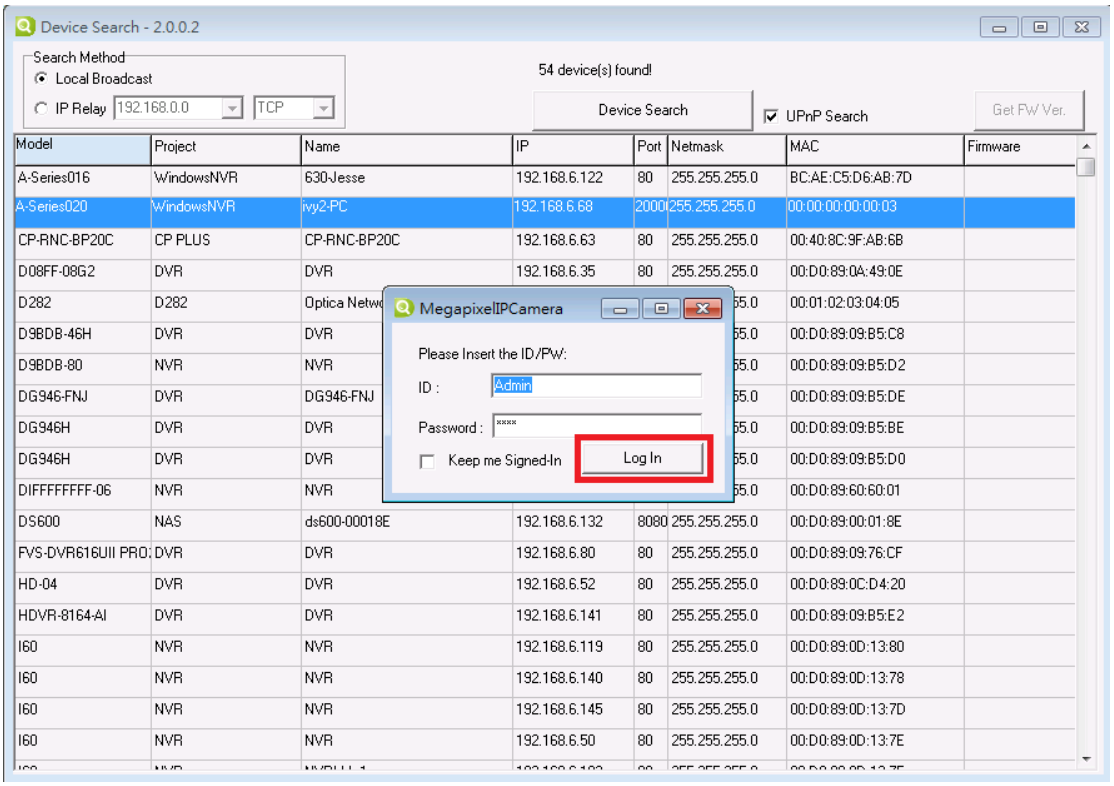
B. Get FW version

1. Click on **Get FW Ver.**



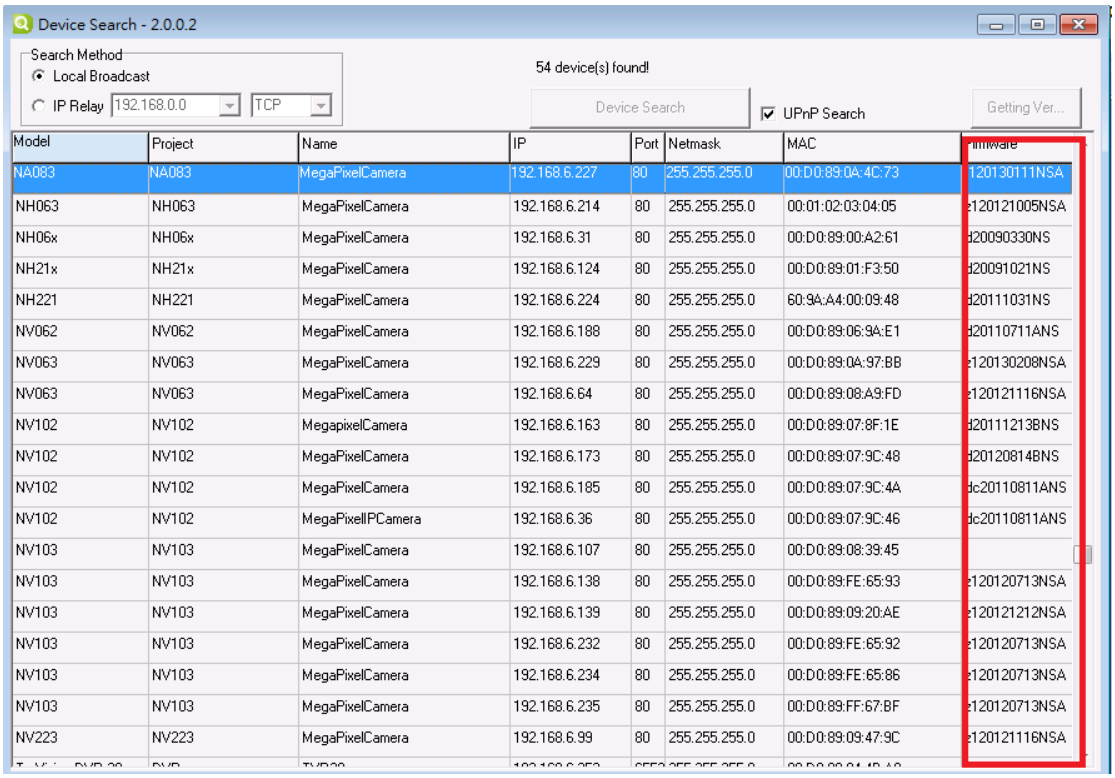
Model	Project	Name	IP	Port	Netmask	MAC	Firmware
DTFF-04	NVR	NVR	192.168.6.109	80	255.255.255.0	00:D0:89:0D:8D:AB	
DTFF-04	NVR	NVR	192.168.6.129	80	255.255.255.0	00:D0:89:0D:8D:A0	
DTFF-04	NVR	NVR	192.168.6.82	80	255.255.255.0	00:D0:89:0C:27:92	
FVS-DVR616UII PRO	DVR	DVR	192.168.6.80	80	255.255.255.0	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**



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-BP20C	CP PLUS	CP-RNC-BP20C	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			55.0	00:01:02:03:04:05	
D9BDB-46H	DVR	DVR			55.0	00:D0:89:09:B5:C8	
D9BDB-80	NVR	NVR			55.0	00:D0:89:09:B5:D2	
DG946-FNJ	DVR	DG946-FNJ			55.0	00:D0:89:09:B5:DE	
DG946H	DVR	DVR			55.0	00:D0:89:09:B5:BE	
DG946H	DVR	DVR			55.0	00:D0:89:09:B5:D0	
DIFFFFFFFF-06	NVR	NVR			55.0	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	

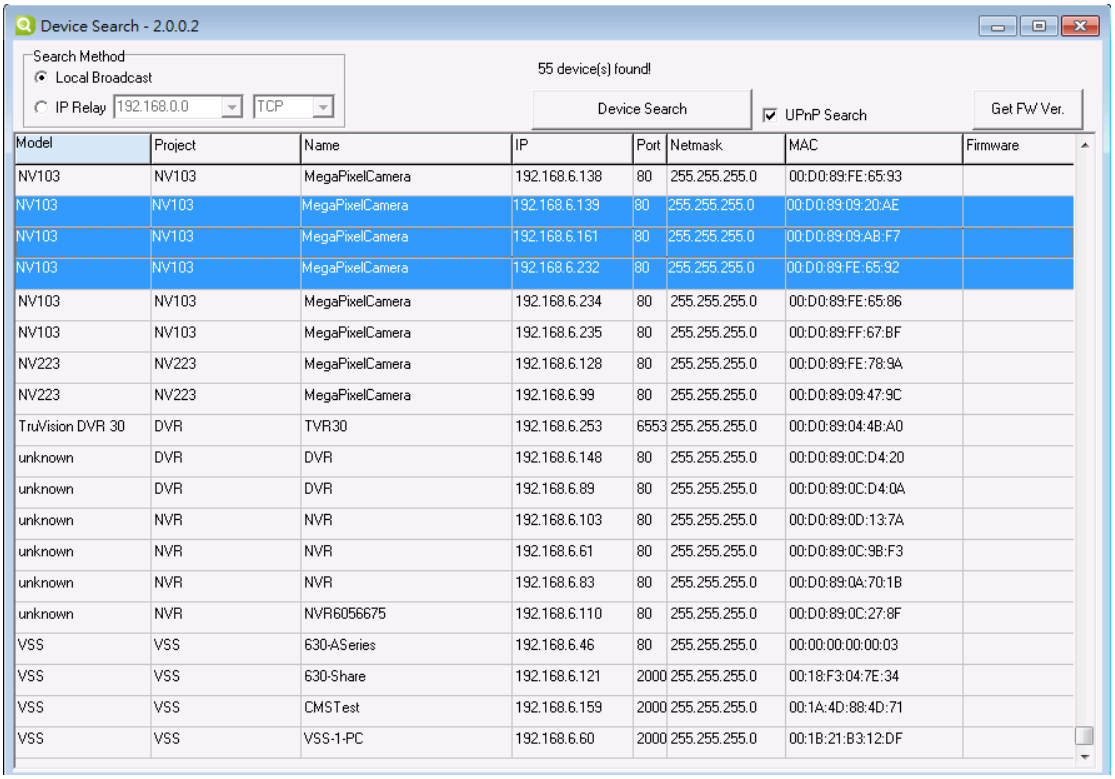
3. The FW loaded on the device will show up under the Firmware tab



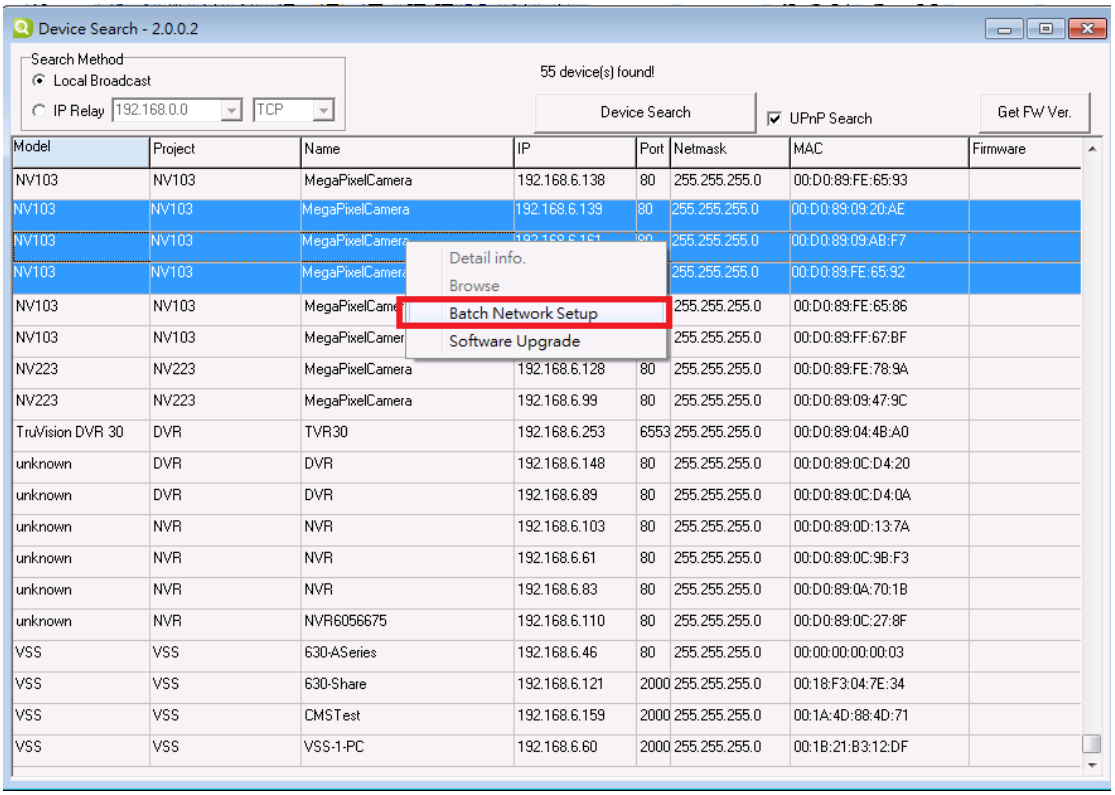
C. Batch Network Setup

a. Static IP Allocate

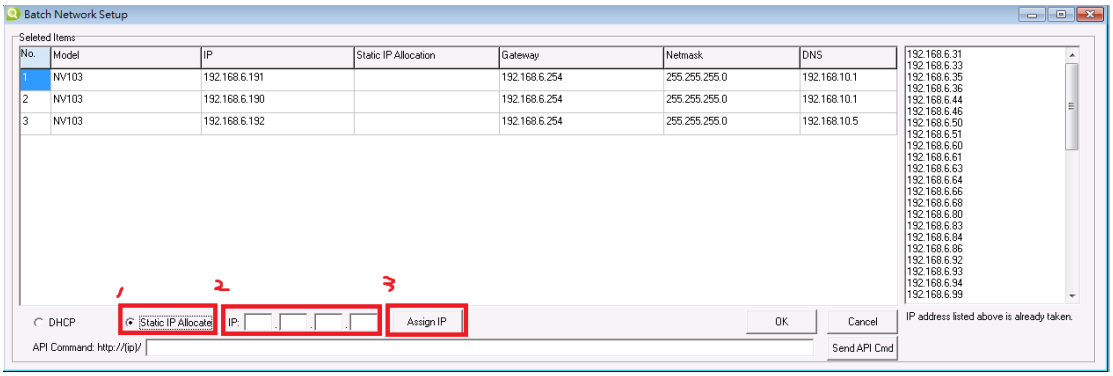
1. Hold the Ctrl button and click the mouse to select the devices you would like to upgrade



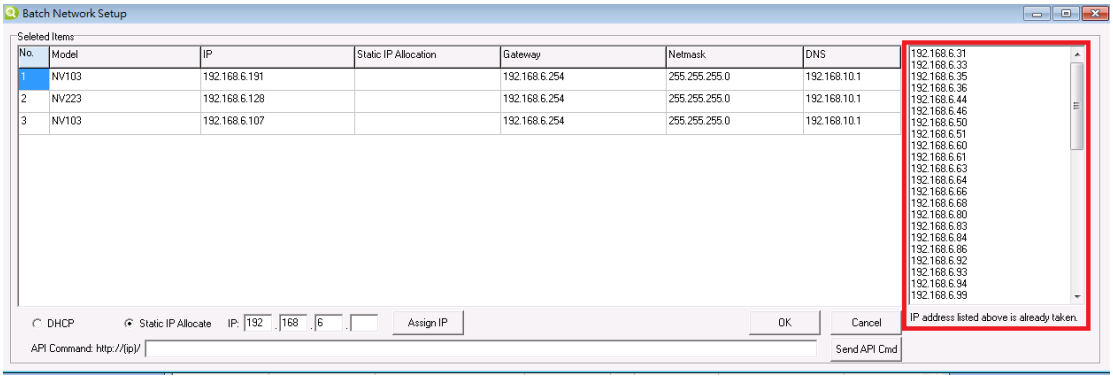
2. Left click the mouse and then click on **Batch Network Setup**



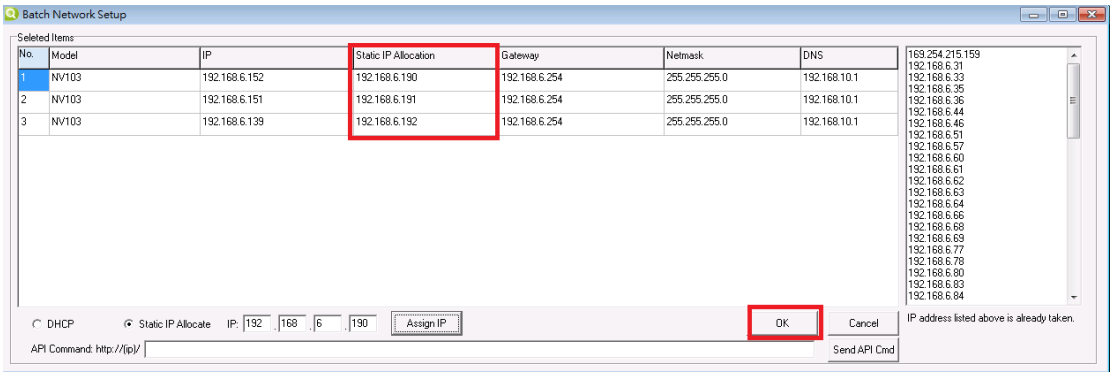
3. Select Static IP Allocate. Enter the IP address and click on **Assign IP**



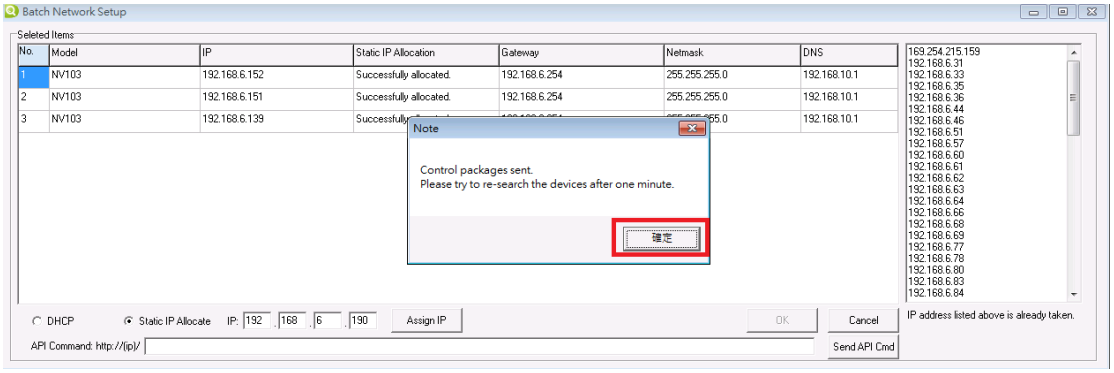
Please note that the IP address listed on the right is already taken.



4. Check the assigned IP under the Static IP Address tab and click on **OK**

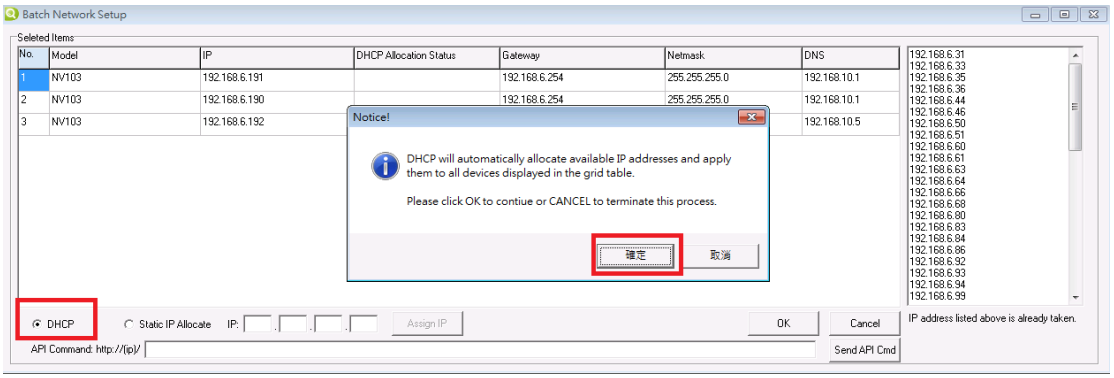


5. Click on **OK** and research the devices after one minutes

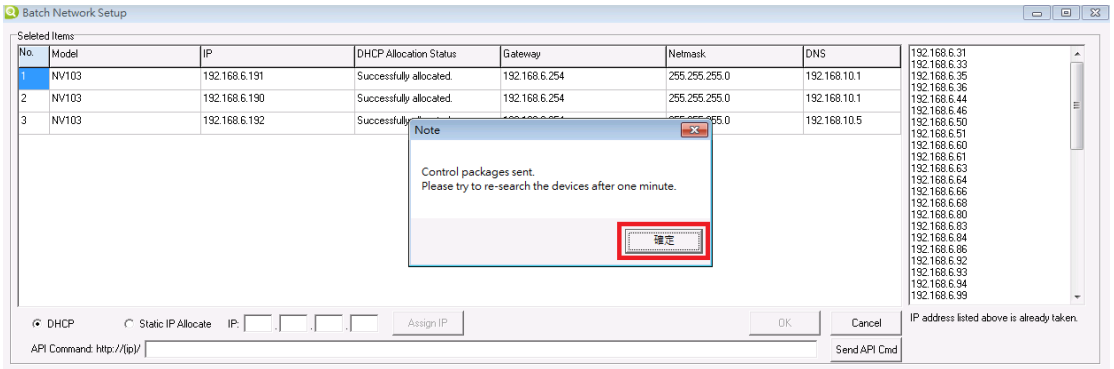


b. <u>DHCP</u>

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

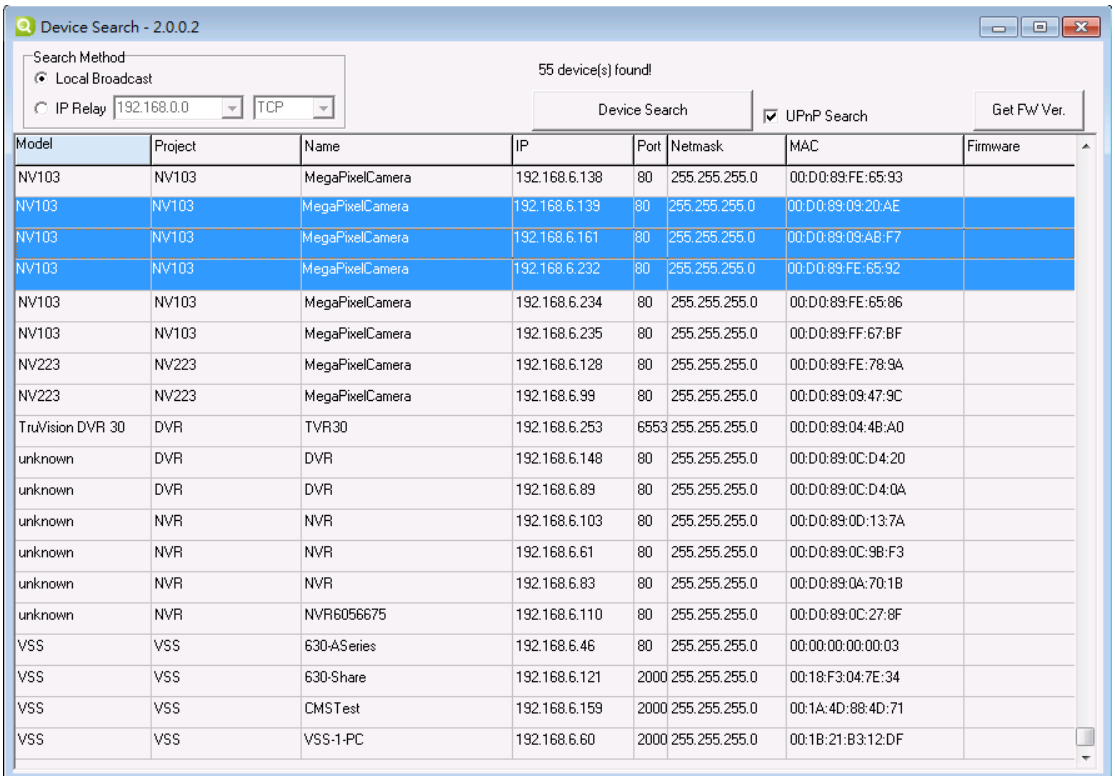


2. Click on **OK** and research the devices after one minutes



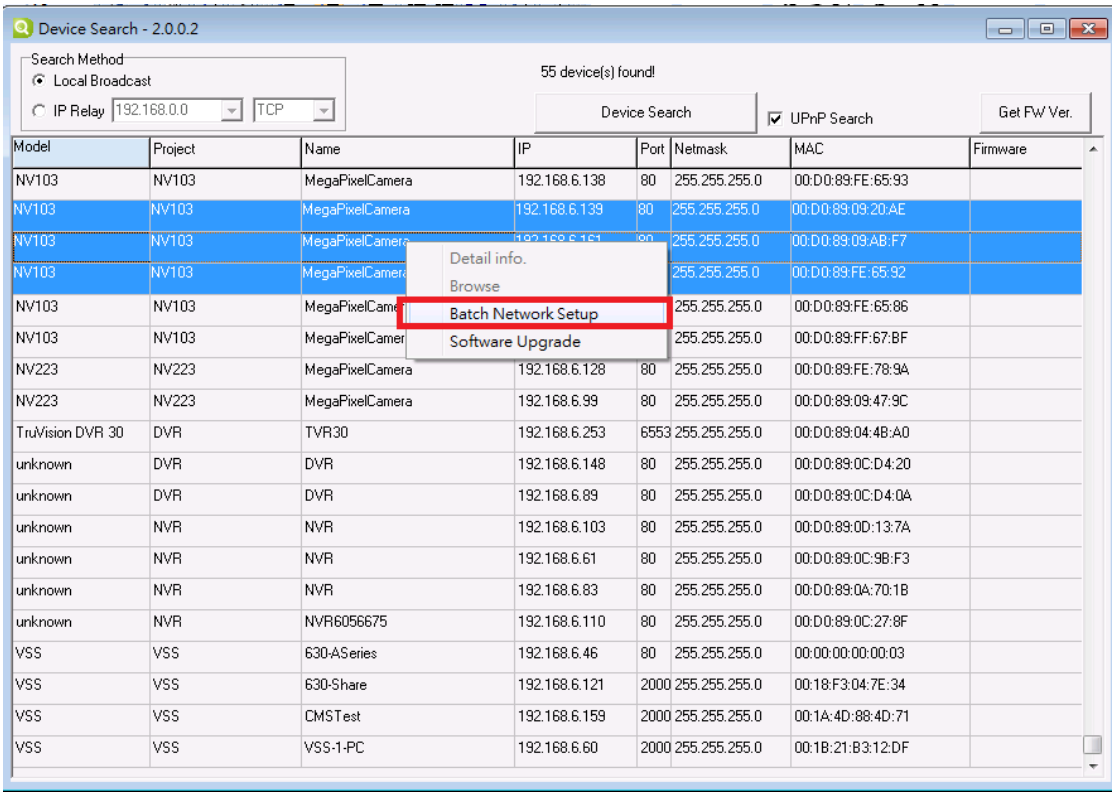
D. Batch Camera Setup

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



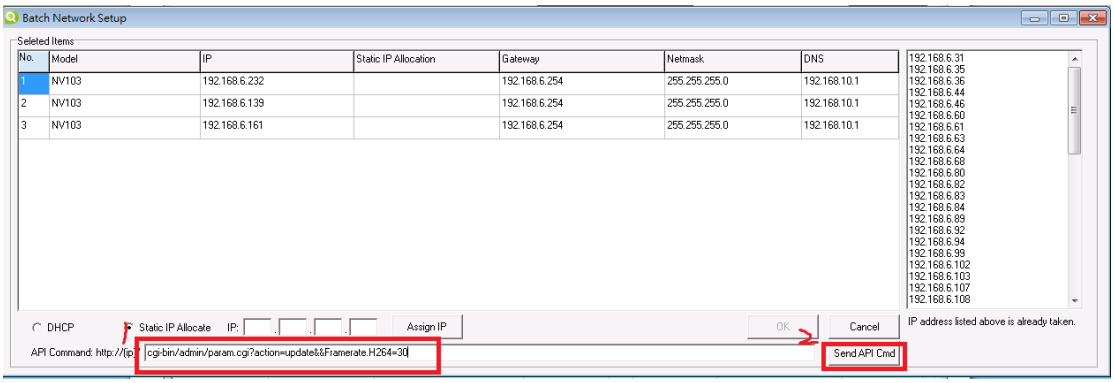
Model	Project	Name	IP	Port	Netmask	MAC	Firmware
NV103	NV103	MegaPixelCamera	192.168.6.138	80	255.255.255.0	00:D0:89:FE:65:93	
NV103	NV103	MegaPixelCamera	192.168.6.139	80	255.255.255.0	00:D0:89:09:20:AE	
NV103	NV103	MegaPixelCamera	192.168.6.161	80	255.255.255.0	00:D0:89:09:AB:F7	
NV103	NV103	MegaPixelCamera	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**

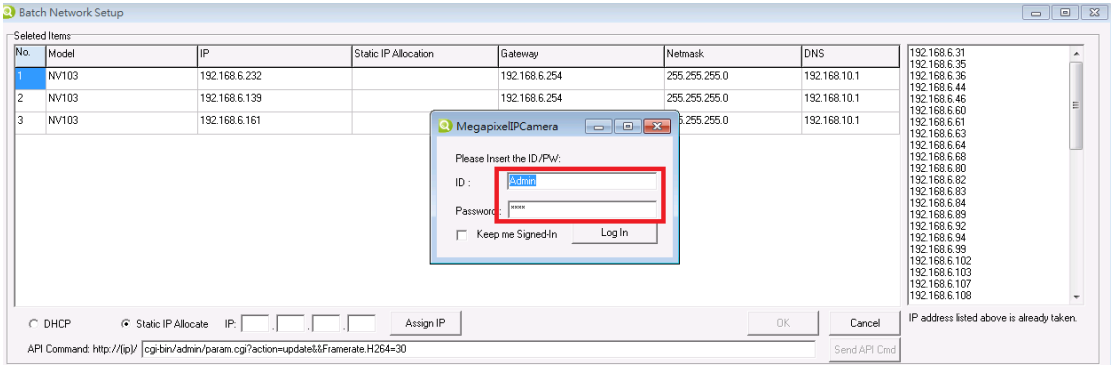


Model	Project	Name	IP	Port	Netmask	MAC	Firmware
NV103	NV103	MegaPixelCamera	192.168.6.138	80	255.255.255.0	00:D0:89:FE:65:93	
NV103	NV103	MegaPixelCamera	192.168.6.139	80	255.255.255.0	00:D0:89:09:20:AE	
NV103	NV103	MegaPixelCamera	192.168.6.161	80	255.255.255.0	00:D0:89:09:AB:F7	
NV103	NV103	MegaPixelCamera	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	

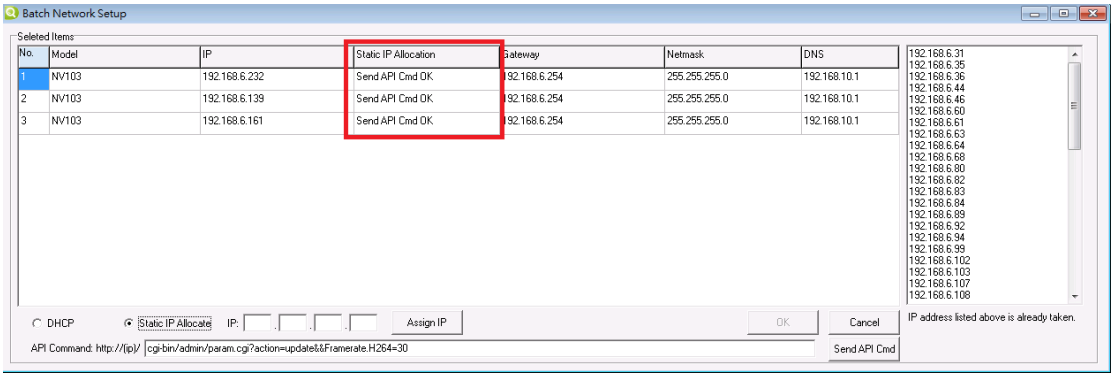
3. Enter the API command and click on **Send API Cmd**



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)