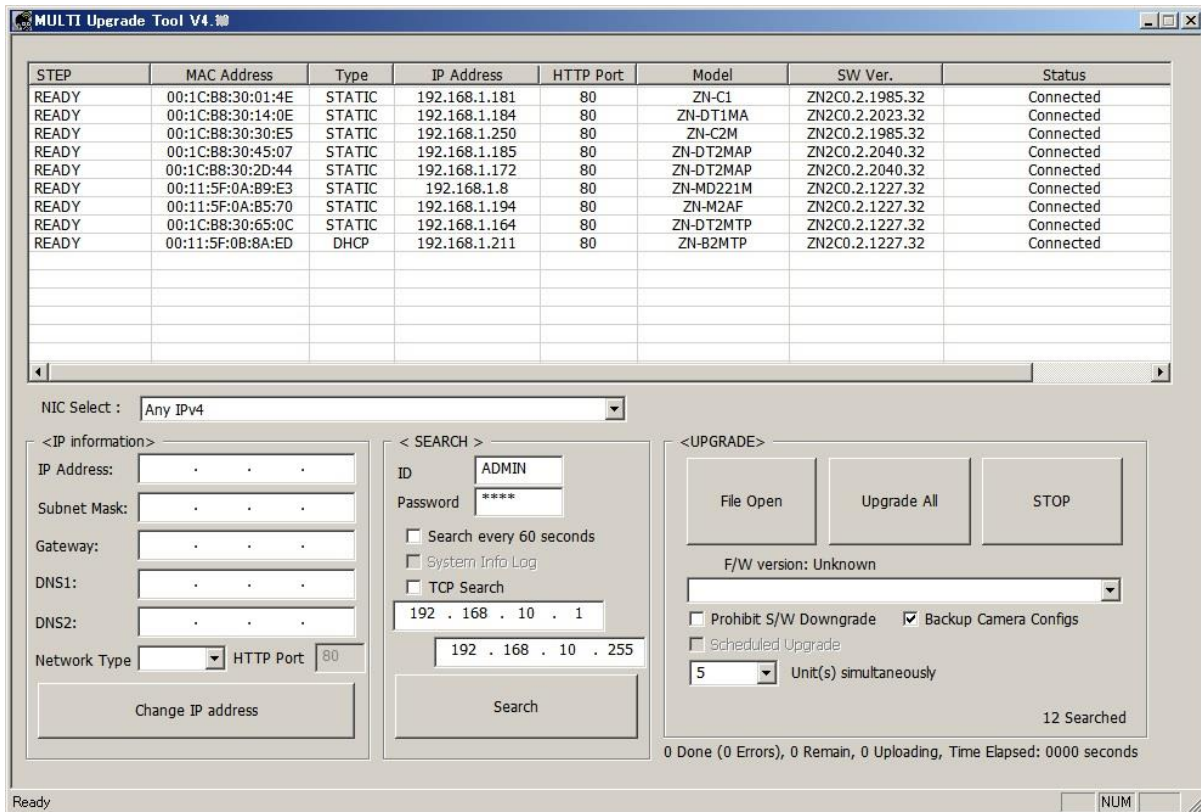# PixelPro

Multi Upgrade Tool

INSTRUCTION MANUAL

GANZ®

The Multi Upgrade Tool is the software to control IP address settings and upgrade FW for PixelPro series network cameras.
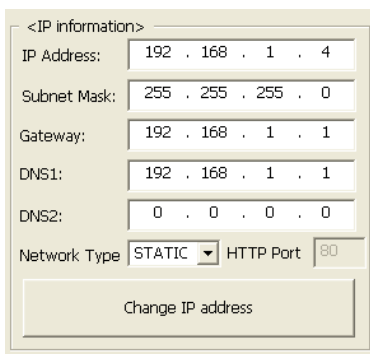
MULTI Upgrade Tool V4.☐

STEP	MAC Address	Type	IP Address	HTTP Port	Model	SW Ver.	Status
READY	00:1C:B8:30:01:4E	STATIC	192.168.1.181	80	ZN-C1	ZN2C0.2.1985.32	Connected
READY	00:1C:B8:30:14:0E	STATIC	192.168.1.184	80	ZN-DT1MA	ZN2C0.2.2023.32	Connected
READY	00:1C:B8:30:30:E5	STATIC	192.168.1.250	80	ZN-C2M	ZN2C0.2.1985.32	Connected
READY	00:1C:B8:30:45:07	STATIC	192.168.1.185	80	ZN-DT2MAP	ZN2C0.2.2040.32	Connected
READY	00:1C:B8:30:2D:44	STATIC	192.168.1.172	80	ZN-DT2MAP	ZN2C0.2.2040.32	Connected
READY	00:11:5F:0A:B9:E3	STATIC	192.168.1.8	80	ZN-MD221M	ZN2C0.2.1227.32	Connected
READY	00:11:5F:0A:B5:70	STATIC	192.168.1.194	80	ZN-M2AF	ZN2C0.2.1227.32	Connected
READY	00:1C:B8:30:65:0C	STATIC	192.168.1.164	80	ZN-DT2MTP	ZN2C0.2.1227.32	Connected
READY	00:11:5F:0B:8A:ED	DHCP	192.168.1.211	80	ZN-B2MTP	ZN2C0.2.1227.32	Connected

NIC Select : Any IPv4

<IP information>
IP Address:
Subnet Mask:
Gateway:
DNS1:
DNS2:
Network Type   HTTP Port 80
Change IP address

< SEARCH >
ID   ADMIN
Password   ****
☐ Search every 60 seconds
☐ System Info Log
☐ TCP Search
192 . 168 . 10 . 1
192 . 168 . 10 . 255
Search

<UPGRADE>
File Open   Upgrade All   STOP
F/W version: Unknown
☐ Prohibit S/W Downgrade   ☑ Backup Camera Configs
☐ Scheduled Upgrade
5   Unit(s) simultaneously
12 Searched

0 Done (0 Errors), 0 Remain, 0 Uploading, Time Elapsed: 0000 seconds

Ready   NUM

1. NIC select

NIC Select :   Any IPv4

If your PC has two NIC interface, you can select the NIC to search cameras

2. IP Address settings

<IP information>
IP Address: 192 . 168 . 1 . 4
Subnet Mask: 255 . 255 . 255 . 0
Gateway: 192 . 168 . 1 . 1
DNS1:   192 . 168 . 1 . 1
DNS2:   0 . 0 . 0 . 0
Network Type STATIC HTTP Port 80
Change IP address

1) **Select the camera from the list**
2) **Select Network Type (STATIC/DHCP)**
3) **Specify network informations if STATIC selected.**
4) **Click "Chanege IP address" button to apply settings.**
5) **After the changes are applied to the camera, the tool re-search the cameras on the network.**

3. Search

1) Specify user ID and Password for the cameras.
   Initial value are "ADMIN" and "1234" as default settings of camera.

2) Search every 60 seconds
   If selected, the tool search the camera every 60 seconds automatically.

3) TCP search
   The option to search the camera by TCP protocol. Search the camera that belongs in the same Subnet from the assigned IP range.
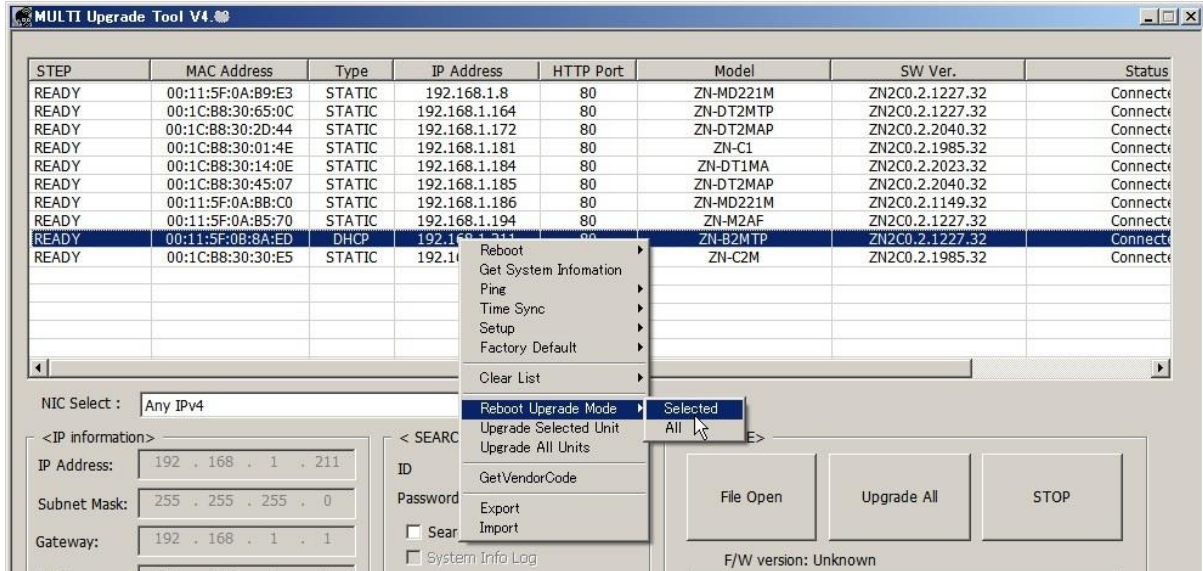
4. Upgrade

1) File Open
   Select the file for upgrade FW.

2) Upgrade All
   Upgrade all cameras in the list

3) STOP
   Terminate upgrade process

4) "Prohibit S/W Downgrade
   Un-Select it, if you want to downgrade.

5) "Backup Camera Config"
   Maintain the current camera configuration (codec, Network, etc) after the firmware upgrade.

6) Number of units upgrade simultaneously
   Specify the number of units to upgrade simultaneously.
   Maximum number is 10.
   Example: total units : 15
           If the number selected is 5, the upgrade process will be separated to 3.

Preparation of firmware upgrade;

To upgrade Firmware of the TI cameras (ZN-MD2xM/ DxxMTP/ BxMTP/ MB2xxM/ MDI2xxM/ PTZ220M), follow the instruction below.

1) Enable Firmware Upgrade mode with selecting the Reboot Upgrade Mode "Selected" or "All camera" on menu with mouse right click.

2) The camera automatically switches to Firmware Upgrade mode.

Please wait about 40 sec for camera enable Firmware Upgrade mode.

3) You can confirm status of Firmware Upgrade mode on Step of camera list, after click a Search button.

4) When you could confirm "Upgrade Mode" on list, then you can Firmware upgrade.
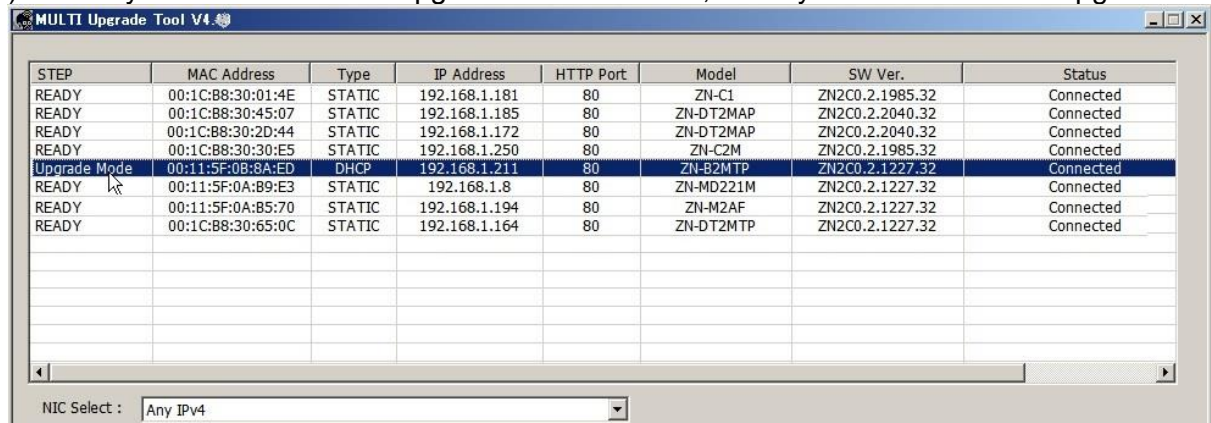
*If you don't want to Firmware upgrade after you did enable Firmware upgrade mode. Then please do "Reboot" on menu with mouse right click.

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4.1   Upgrade All

Use "Upgrade All" button to upgrade all the camera in the list.

4.2   Upgrade Selected Unit(s)
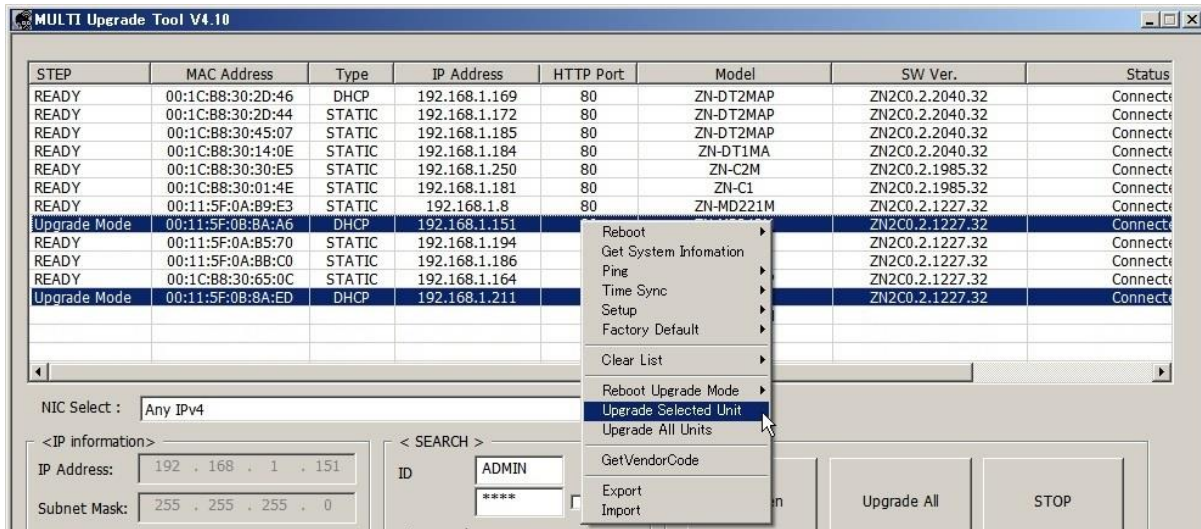
1. **Select the cameras using "CTL" + Mouse click to upgrade.**
2. **Then open menus with mouse right click.**
3. **Select "Upgrade Selected Unit"**

5. Others
5.1   Reboot
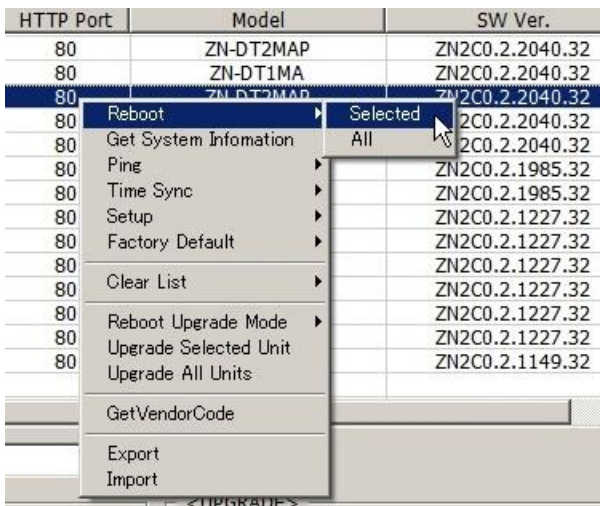
Reboot "Selected" or "all" cameras

5.2 Get System Information
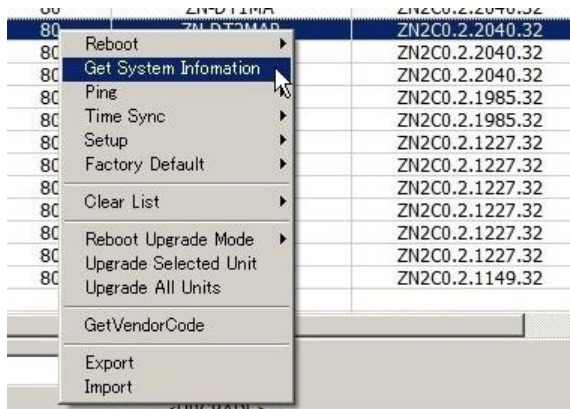
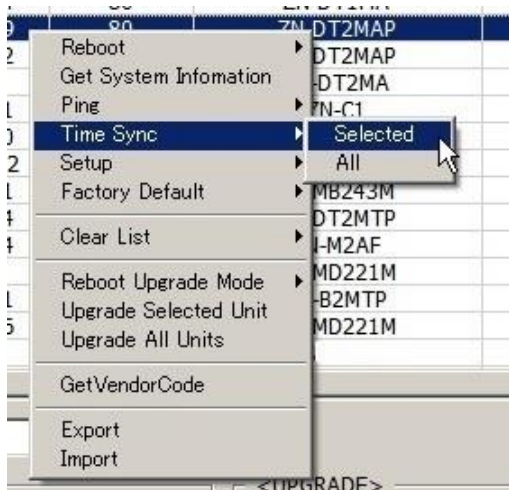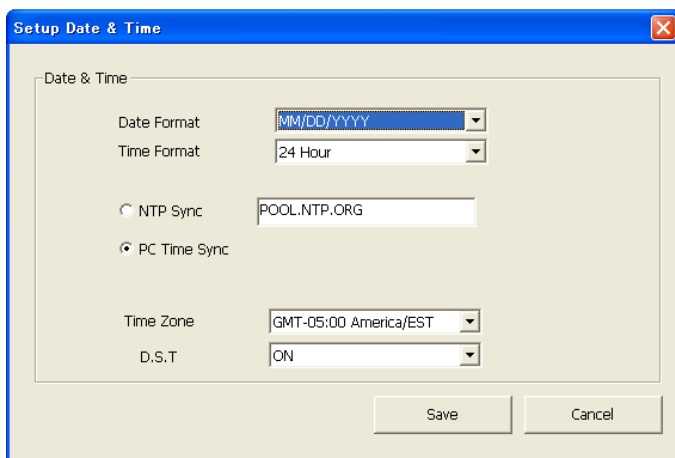**You can get the system infromation of the camera.**

System Informations
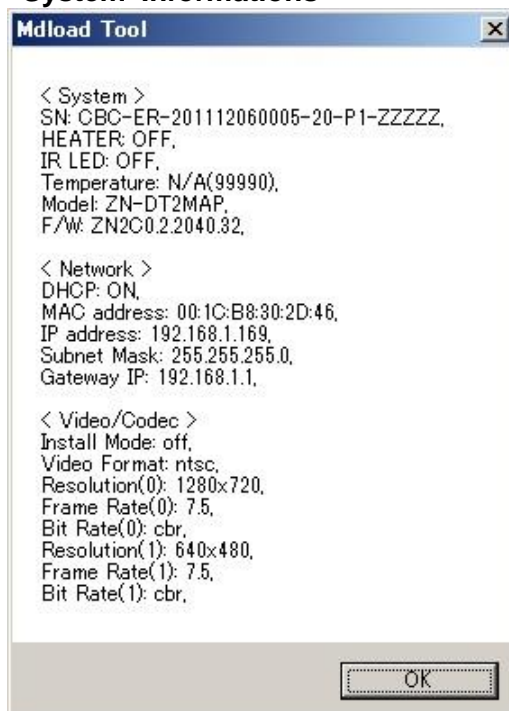
5.3 Ping
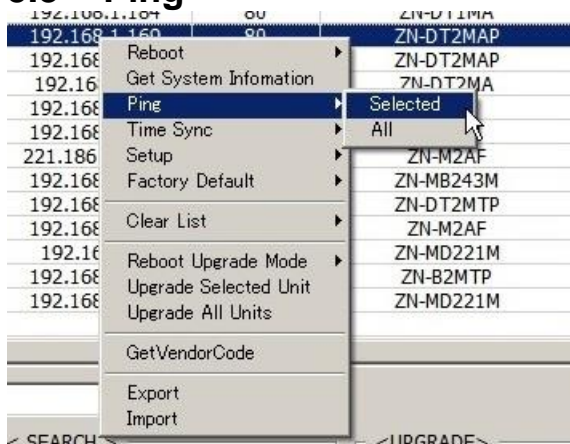
You can ping selected or all cameras.
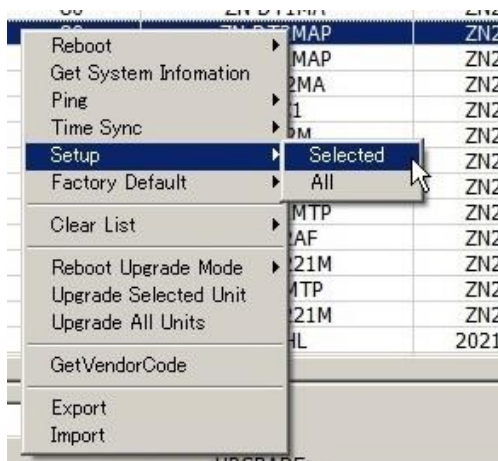
5.4   Time Sync

You can setup Date & Time of selected or all cameras from the tool.

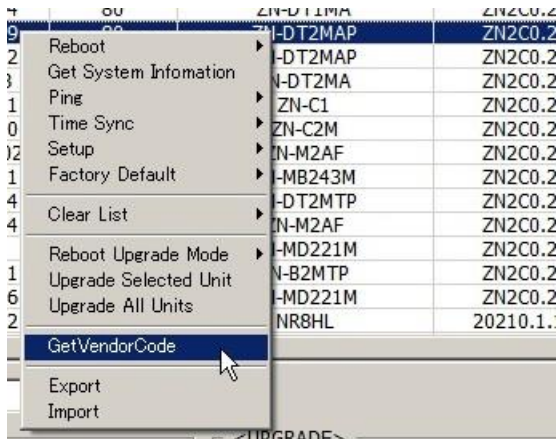**The "Setup Date & time" window will be opened when select.**

The time can be synchronized to NTP server specified of PC time.

5.5   Setup
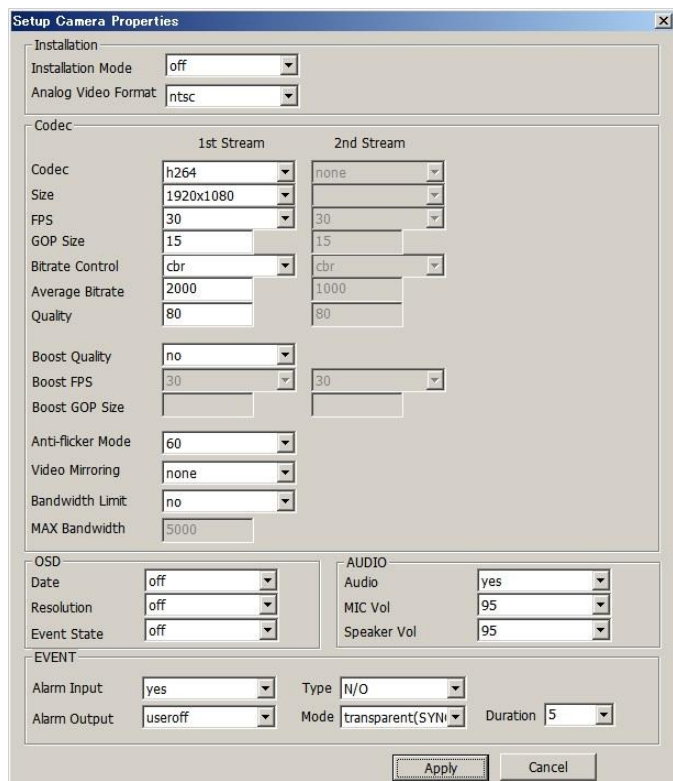
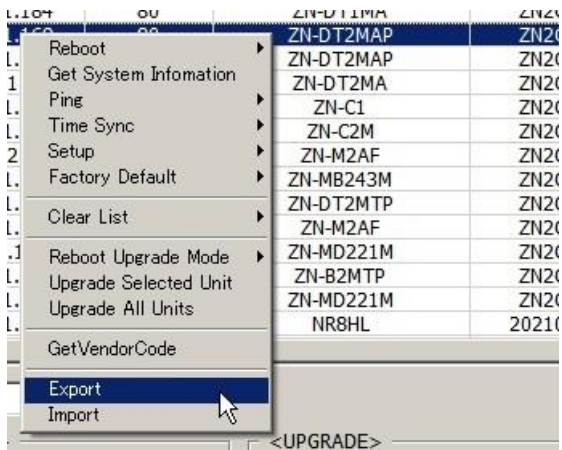**You can set parameters to the Camera(s)**

5.6 GetVenderCode

You can get vender code of selected Camera.

5.7 Export/Import

You can export or import camera list from/to file.