

# Multi Upgrade Tool

# INSTRUCTION MANUAL





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

STEP	MAC Address	Type	IP Address	HTTP Port	Model	SW Ver.	Status
EADY	00:1C:B8:30:01:4E	STATIC	192.168.1.181	80	ZN-C1	ZN2C0.2.1985.32	Connected
EADY	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
d							
IP Address: Subnet Mask:	Any IPv4 n>		< SEARCH > ID ADMIN Password ****	seconds	<ul> <li><upgrade> -</upgrade></li> <li>File Oper</li> </ul>	u Upgrade All	STOP
ID Select : IP informatio IP Address: Subnet Mask: Gateway:	Any IPv4 n>		< SEARCH > ID ADMIN Password **** Search every 60 System Info Log	seconds	<upgrade> - File Oper F/W ver</upgrade>	Upgrade All	STOP
IP Address: Subnet Mask: Gateway: DNS1:	Any IPv4 n>		< SEARCH > ID ADMIN Password **** Search every 60 System Info Loc TCP Search 102 168 10	) seconds	<upgrade> - File Oper F/W ver</upgrade>	u Upgrade All	STOP
<pre>Image Select :</pre>	Any IPv4 n>	80	< SEARCH > ID ADMIN Password **** Search every 60 System Info Loc TCP Search 192 . 168 . 10 192 . 168	• seconds • . 1 • . 10 . 255	<upgrade> - File Oper F/W ver</upgrade>	u Upgrade All sion: Unknown W Downgrade 🔽 Backup Upgrade Unit(s) simultaneously	STOP

# 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>							
IP Address: 192 . 168 . 1 . 4							
Subnet Mask:	255	•	255	•	255	•	0
Gateway: 192 . 168 . 1 . 1							1
DNS1: 192 . 168 . 1 . 1							1
DNS2: 0.0.0.0						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

File Open	Upgrade All	STOP
File: mega-web	-51110.2.1227.100.bin,	, Ver: 1227
Prohibit S/W Do	wnorade 🔽 Backup (	Camera Configs
Scheduled Upgra	ide	<b>-</b>

0 Done (1 Errors), 0 Remain, 0 Uploading, Time Elapsed: 0221 seconds

- 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.
- 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.

READY       00:11:5F:0A:89:E3       STATIC       192.168.1.8       80       ZN-MD221M       ZN2C0.2.1227.32         READY       00:1C:88:30:65:0C       STATIC       192.168.1.164       80       ZN-DT2MTP       ZN2C0.2.1227.32         READY       00:1C:88:30:65:0C       STATIC       192.168.1.164       80       ZN-DT2MTP       ZN2C0.2.1227.32         READY       00:1C:88:30:2D:44       STATIC       192.168.1.172       80       ZN-DT2MAP       ZN2C0.2.1227.32         READY       00:1C:88:30:01:4E       STATIC       192.168.1.181       80       ZN-C1       ZN2C0.2.2023.32         READY       00:1C:88:30:4:0E       STATIC       192.168.1.184       80       ZN-DT2MAP       ZN2C0.2.2023.32         READY       00:11:5F:04:88:00       STATIC       192.168.1.185       80       ZN-MD21M       ZN2C0.2.2040.32         READY       00:11:5F:04:88:00       STATIC       192.168.1.186       80       ZN-MD21M       ZN2C0.2.1049.32         READY       00:11:5F:04:88:00       STATIC       192.168.1.194       80       ZN-M2EF       ZN2C0.2.1227.32         READY       00:11:5F:04:86:4:ED       DHCP       192.16       Set	Connec Connec Connec Connec
READY       00:1C:88:30:65:0C       STATIC       192.168.1.164       80       ZN-DT2MTP       ZN2C0.2.1227.32         READY       00:1C:88:30:2D:44       STATIC       192.168.1.172       80       ZN-DT2MAP       ZN2C0.2.2040.32         READY       00:1C:88:30:14:0E       STATIC       192.168.1.172       80       ZN-DT2MAP       ZN2C0.2.2040.32         READY       00:1C:88:30:14:0E       STATIC       192.168.1.184       80       ZN-DT1MA       ZN2C0.2.2023.32         READY       00:1C:88:30:14:0E       STATIC       192.168.1.185       80       ZN-DT2MAP       ZN2C0.2.2040.32         READY       00:1C:88:30:45:07       STATIC       192.168.1.185       80       ZN-DT2MAP       ZN2C0.2.2040.32         READY       00:11:5F:0A:85:00       STATIC       192.168.1.185       80       ZN-M2D21M       ZN2C0.2.1227.32         READY       00:11:5F:0A:85:70       STATIC       192.168.1.194       80       ZN-M2AF       ZN2C0.2.1227.32         READY       00:11:5F:0A:88:4ED       DHCP       192.169       STATIC       192.169       ZN-M2AF       ZN2C0.2.1985.32         READY       00:11:5F:0A:88:4ED       DHCP       192.169       Static       ZN-M2AF       ZN2C0.2.1985.32         READY       00:1	Connect Connect Connect
VEADY       00:1C:88:30:2D:44       STATIC       192.168.1.172       80       ZN-DT2MAP       ZN2C0.2.2040.32         VEADY       00:1C:88:30:14:0E       STATIC       192.168.1.181       80       ZN-C1       ZN2C0.2.1985.32         VEADY       00:1C:88:30:40:0E       STATIC       192.168.1.181       80       ZN-C1       ZN2C0.2.1985.32         VEADY       00:1C:88:30:45:07       STATIC       192.168.1.185       80       ZN-DTIMA       ZN2C0.2.2040.32         VEADY       00:11:5F:04:85:07       STATIC       192.168.1.185       80       ZN-DTIMA       ZN2C0.2.2040.32         VEADY       00:11:5F:04:85:07       STATIC       192.168.1.186       80       ZN-MDZ2IM       ZN2C0.2.1227.32         VEADY       00:11:5F:04:85:70       STATIC       192.168.1.194       80       ZN-M2AF       ZN2C0.2.1227.32         VEADY       00:11:5F:08:83A:ED       DHCP       192.11       90       ZN-62M       ZN-22M       ZN-22M.22.1227.32         VEADY       00:11:5F:08:830:30:E5       STATIC       192.16       Statu       20       ZN-62M       ZN-22M       ZN2C0.2.1985.32         VEADY       00:11:5F:08:830:30:E5       STATIC       192.16       Statu       Statu       ZN-22M       ZN2C0.2.1985.32 <td>Connect Connect</td>	Connect Connect
READY         00:1C:88:30:01:4E         STATIC         192.168.1.181         80         ZN-C1         ZN2C0.2.1985.32           READY         00:1C:88:30:01:4E         STATIC         192.168.1.184         80         ZN-DTIMA         ZN2C0.2.2023.32           READY         00:1C:88:30:30:40:0E         STATIC         192.168.1.184         80         ZN-DTIMA         ZN2C0.2.2023.32           READY         00:11:58:30:45:0E         STATIC         192.168.1.185         80         ZN-MD22IM         ZN2C0.2.2040.32           READY         00:11:5F:0A:8B:C0         STATIC         192.168.1.186         80         ZN-MD22IM         ZN2C0.2.2127.32           READY         00:11:5F:0B:8A:ED         DHCP         192.16         192.16         20         ZN-MD22IM         ZN2C0.2.1227.32           READY         00:11:5F:0B:8A:ED         DHCP         192.11         Reboot         ZN-C2M         ZN2C0.2.1227.32           READY         00:11:5B:0B:8A:ED         DHCP         192.11         Reboot         ZN-C2M         ZN2C0.2.1227.32           READY         00:11:CB8:30:30:ES         STATIC         192.11         Reboot         ZN-C2M         ZN2C0.2.1985.32           Get System Infomation         Ping         Factory Default         Factory Default         <	Connect
VEADY         00:1C:88:30:14:0E         STATIC         192.168.1.184         80         ZN-DTIMA         ZN2C0.2.2023.32           VEADY         00:1C:88:30:45:07         STATIC         192.168.1.185         80         ZN-DTIMA         ZN2C0.2.2040.32           VEADY         00:11:5F:04:85:07         STATIC         192.168.1.185         80         ZN-MD221M         ZN2C0.2.2040.32           VEADY         00:11:5F:04:85:70         STATIC         192.168.1.194         80         ZN-MD221M         ZN2C0.2.1149.32           VEADY         00:11:5F:04:85:70         STATIC         192.168.1.194         80         ZN-M2AF         ZN2C0.2.1227.32           VEADY         00:11:5F:04:85:03:03:E5         STATIC         192.16         Reboot         ZN-C2M         ZN2C0.2.1985.32           VEADY         00:11:5F:04:85:03:30:E5         STATIC         192.16         Reboot         ZN-C2M         ZN2C0.2.1985.32           VEADY         00:11:5F:04:85:07:30:E5         STATIC         192.16         Reboot         ZN-C2M         ZN2C0.2.1985.32           VEADY         00:11:5F:04:85:07         STATIC         192.16         Reboot         ZN-C2M         ZN2C0.2.1985.32           VIC Select :         Any IPv4         Selected         All         Vertex Veloced	
EADY       00:1C:88:30:45:07       STATIC       192.168.1.185       80       ZN-DT2MAP       ZN2C0.2.2040.32         EADY       00:11:5F:0A:85:70       STATIC       192.168.1.185       80       ZN-MD221M       ZN2C0.2.1247.32         EADY       00:11:5F:0A:85:70       STATIC       192.168.1.186       80       ZN-M2AF       ZN2C0.2.1227.32         EADY       00:11:5F:0A:85:70       STATIC       192.168.1.194       80       ZN-M2AF       ZN2C0.2.1227.32         EADY       00:11:5F:0A:85:70       STATIC       192.16       Aut       90       ZN-82MTP       ZN2C0.2.1227.32         EADY       00:11:5F:0A:85:30:30:E5       STATIC       192.16       Reboot       ZN-C2M       ZN2C0.2.1985.32         EADY       00:11:5F:0A:85:70       STATIC       192.16       Setup       ZN-C2M       ZN2C0.2.1985.32         EADY       00:11:5F:0A:85:70       STATIC       192.16       Setup       Eatory Default       ZN-C2M       ZN2C0.2.1985.32         U       Setup       Factory Default       Setup       Factory Default       ZN-C2M       ZN-C2M <td>Connec</td>	Connec
VEADY         00:11:5F:0A:8B:C0         STATIC         192.168.1.186         80         ZN-MD221M         ZN2C0.2.1149.32           VEADY         00:11:5F:0A:8B:C0         STATIC         192.168.1.194         80         ZN-MD221M         ZN2C0.2.1227.32           VEADY         00:11:5F:0B:8A:ED         DHCP         192.168.1.194         80         ZN-MD2F         ZN2C0.2.1227.32           VEADY         00:11:5F:0B:8A:ED         DHCP         192.11         90         ZN-M2AF         ZN2C0.2.1227.32           VEADY         00:11:5F:0B:8A:ED         DHCP         192.11         Reboot         ZN-M2AF         ZN2C0.2.1227.32           VEADY         00:11:5F:0B:8A:ED         STATIC         192.11         Reboot         ZN-C2M         ZN2C0.2.1985.32           VIEADY         00:11:5F:0B:8A:ED         Setup         Time Sync         Setup         Factory Default         Clear List           VIC Select :         Any IPv4         Selected Unit         Selected Unit         All         Selected         All         Selected	Connect
VEADY         00:11:5F:08:84:ED         DHCP         192.168.1.194         80         ZN-M2AF         ZN202.1227.32           VEADY         00:11:5F:08:8A:ED         DHCP         192.16         action         action         ZN-B2MTP         ZN202.1227.32           VEADY         00:11:5F:08:8A:ED         DHCP         192.11         Reboot         Get System Infomation         ZN-C2M         ZN202.1295.32           VEADY         00:11:5F:08:80:30:E5         STATIC         192.11         Reboot         Get System Infomation         ZN-C2M         ZN202.2.1985.32           VID         Time Sync         Setup	Connect
KEADY         00:11:5F:08:8A:ED         DHCP         192.11:0         -0.11         2N-B2MTP         ZN200.2.1227.32           KEADY         00:1C:88:30:30:E5         STATIC         192.11         Reboot         ZN-C2M         ZN2C0.2.1985.32           Pine         Time Sync         Setup         Factory Default         Clear List         Selected           NIC Select :         Any IPv4         Selected Unit         Selected         All         Selected	Connect
EADY     00:1C:B8:30:30:E5     STATIC     192.11     Get System Infomation Ping     ZN-C2M     ZN2C0.2.1985.32       Image: State of the system Infomation Ping     Time Sync     Time Sync     Time Sync       Image: State of the system Infomation Ping     Time Sync     Setup       Image: State of the system Infomation Ping     Time Sync     Setup       Image: State of the system Infomation Ping     Time Sync     Setup       Image: State of the system Infomation Ping     Setup     Setup	Connec
Clear List       NIC Select :     Any IPv4       Reboot Upgrade Mode     Selected <ip information="">     &lt; SEARC</ip>	
NIC Select : Any IPv4 Reboot Upgrade Mode Selected Unit	<u> </u>
<ip information=""> &lt; SEARC Upgrade Selected Unit All La E&gt;</ip>	
Upgrade All Units	
IP Address: 192 . 106 . 1 . 211 ID GetVendorCode	
Subnet Mask: 255 , 255 , 255 , 0 Password Export File Open Upgrade All STOP	

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.

STEP	MAC Address	Туре	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:B8:30:45:07	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	00:1C:B8:30:30:E5	STATIC	192.168.1.250	80	ZN-C2M	ZN2C0.2.1985.32	Connected
Upgrade Mode	00:11:5F:0B:8A:ED	DHCP	192.168.1.211	80	ZN-B2MTP	ZN2C0.2.1227.32	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
				1 1			
4							

\*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.

## 4.1 Upgrade All

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

## 4.2 Upgrade Selected Unit(s)

TEP	MAC Address	Туре	IP Address	HTTP Port	Model	SW Ver.	Status
EADY	00:1C:B8:30:2D:46	DHCP	192.168.1.169	80	ZN-DT2MAP	ZN2C0.2.2040.32	Connect
EADY	00:1C:B8:30:2D:44	STATIC	192.168.1.172	80	ZN-DT2MAP	ZN2C0.2.2040.32	Connect
EADY	00:1C:B8:30:45:07	STATIC	192.168.1.185	80	ZN-DT2MAP	ZN2C0.2.2040.32	Connect
EADY	00:1C:B8:30:14:0E	STATIC	192.168.1.184	80	ZN-DT1MA	ZN2C0.2.2040.32	Connect
EADY	00:1C:B8:30:30:E5	STATIC	192.168.1.250	80	ZN-C2M	ZN2C0.2.1985.32	Connect
EADY	00:1C:B8:30:01:4E	STATIC	192.168.1.181	80	ZN-C1	ZN2C0.2.1985.32	Connect
EADY	00:11:5F:0A:B9:E3	STATIC	192.168.1.8	80	ZN-MD221M	ZN2C0.2.1227.32	Connect
ograde Mode	00:11:5F:0B:BA:A6	DHCP	192.168.1.151	Reboot		ZN2C0.2.1227.32	Connect
ADY	00:11:5F:0A:B5:70	STATIC	192.168.1.194	Get Sust	am Information	ZN2C0.2.1227.32	Connect
ADY	00:11:5F:0A:BB:C0	STATIC	192.168.1.186	Dive	em monation	ZN2C0.2.1227.32	Connec
EADY	00:1C:B8:30:65:0C	STATIC	192.168.1.164			ZN2C0.2.1227.32	Connec
ograde Mode	00:11:5F:0B:8A:ED	DHCP	192.168.1.211	Time Syr	10	ZN2C0.2.1227.32	Connect
				Setup			
				Factory	Default 🕨		
r				Clear Lis	t 🔸		
				Reboot L	Jpgrade Mode 🕨		
IIC Select :	Any IPv4			Upgrade	Selected Unit		
-TD informatio	, . 			Upgrade	All Units		
Addrosse	192 168 1	151		GetVend	orCode	1	
Address:	102 + 100 + 1 +	awa.	ID ADMIN				
	DEE DEE DEE		****	Export			STOP

- 1. Select the cameras using "CTL" + Mouse click to upgrade.
- Then open menus with mouse right click.
   Select "Upgrade Selected Unit"

#### 5. Others 5.1 Reboot

			511 101.
ZN-DT2MAP	2		ZN2C0.2.2040.32
ZN-DT1MA			ZN2C0.2.2040.32
	<u> </u>		ZV2C0.2.2040.32
Reboot	<u>'</u>	Selected	2C0.2.2040.32
Get System Information		All	N 2C0.2.2040.32
Ping	T		ZN2C0.2.1985.32
Time Sync	•		ZN2C0.2.1985.32
Setup	•		ZN2C0.2.1227.32
Factory Default	+		ZN2C0.2.1227.32
	12	- (	ZN2C0.2.1227.32
Clear List			ZN2C0.2.1227.32
Reboot Uperade Mode			ZN2C0.2.1227.32
Lingrade Selected Linit			ZN2C0.2.1227.32
Upgrade All Units			ZN2C0.2.1149.32
GetVendorCode		sib	
Export Import			
	Reboot Get System Infomation Ping Time Sync Setup Factory Default Clear List Reboot Upgrade Mode Upgrade Selected Unit Upgrade All Units GetVendorCode Export Import	ZN-DT2MAP       ZN-DT1MA       ZN-DT1MA       ZN-DT1MAP       Reboot       Pine       Time Sync       Setup       Factory Default       Clear List       Reboot Upgrade Mode       Upgrade Selected Unit       Upgrade All Units       GetVendorCode       Export       Import	ZN-DT2MAP       ZN-DT1MA       ZN-DT1MA       ZN-DT1MA       Selected       Get System Infomation       Ping       Time Sync       Setup       Factory Default       Clear List       Reboot Upgrade Mode       Upgrade Selected Unit       Upgrade All Units       GetVendorCode       Export       Import

Reboot "Selected" or "all" cameras

### 5.2 Get System Information

00	עויד ו סיוע	211200.2.2070.32
80		ZN2C0.2.2040.32
80	Reboot •	ZN2C0.2.2040.32
80	Get System Information	ZN2C0.2.2040.32
80	Pine hS	ZN2C0.2.1985.32
80	Time Sync 🕨	ZN2C0.2.1985.32
80	Setup 🕨	ZN2C0.2.1227.32
80	Factory Default	ZN2C0.2.1227.32
80		ZN2C0.2.1227.32
80	Clear List	ZN2C0.2.1227.32
80	Reboot Upgrade Mode	ZN2C0.2.1227.32
80	Upgrade Selected Unit	ZN2C0.2.1227.32
80	Upgrade All Units	ZN2C0.2.1149.32
	GetVendorCode	
_	Export	
	Import	

#### System Informations



### 5.3 Ping

195'100'	1,104 00		LIN-D	AMIT
192.168	1 1 50 000 0000000000000000000000000000		ZN-DT	2MAP
192.168	Reboot	+	ZN-DT	2MAP
192.16	Get System Infomation		7N-D	гэма
192.168	Ping	•	Selected	
192.168	Time Sync	•	All	13
221.186	Setup	H	ZN-M	12AF
192.168	Factory Default	+	ZN-MB	243M
192.168		-	ZN-DT	2MTP
192.168	Clear List	+	ZN-M	12AF
192.16	Reboot Llograde Mode		ZN-MD	221M
192.168	Heavade Salested Unit	1	ZN-B2	2MTP
192.168	Upgrade All Units		ZN-MD	221M
	GetVendorCode			
	Export			
	Import			
SEARCH		-	- <upgra< td=""><td>DE&gt;</td></upgra<>	DE>

You can get the system infromation of the camera.

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.

<sub>E</sub> Date & T	ime			
	Date Format	MM/DD/YYYY	•	
	Time Format	24 Hour		
	C NTP Sync	POOL.NTP.ORG		
	PC Time Sync			
	Time Zone	GMT-05:00 America/ES	ST 💌	
	D.S.T	ON	-	

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

### 5.5 Setup

00 211	<b>B T T T T T</b>	
Reboot Get System Information	MAP	ZN
Pina	PMA	ZN
Time Come	1	ZN
Time Sync	DM	ZN
Setup	Selected	ZN:
Factory Default	► All	VS ZN:
Clear List	MTP	ZN
Olear List	AF	ZN
Reboot Upgrade Mode	▶ 21M	ZN
Ungrade Selected Unit	ITP	ZN
Upgrade All Units	21M	ZN
Operado nin onita	-HL	202
GetVendorCode		-
Export		
Import		

You can set parameters to the Camera(s)

up Camera Properti	es						
Installation	off	-					
Installation Mode	Jon	<u> </u>					
Analog Video Format	ntsc	•					
Codec	1 -t Charan		and Channes				
	1st Stream		2nd Stream				
Codec	h264	▼ no	ne	*			
Size	1920x1080			<u></u>			
FPS	30	▼ 30		*			
GOP Size	15	15					
Bitrate Control	cbr	- cbi	a	~			
Average Bitrate	2000	10	00				
Quality	80	80					
Boost Quality	no	-					
Boost FPS	30	- 30		-			
Boost GOP Size							
Anti-flicker Mode	60	-					
Video Mirroring	none	-					
Bandwidth Limit	no	Ī					
MAX Bandwidth	5000						
OSD			AUDIO		2		
Date of	F		Audio		yes		•
Resolution of	·		MIC Vol		95		•
Event State of	-	·]	Speaker Vol	li -	95		-
EVENT							
Alarm Input		] Type	N/0	-			
I yes			1.70		Duration	E	101
		1 Mode	Itransparent(	SYNI -	Duration	12	-

### 5.6 GetVenderCode

4	00	ZN-DITMA	ZINZCU.Z
9 2 }	Reboot Get System Information	71-DT2MAP	ZN2C0.2
		-DT2MAP	ZN2C0.2
		N-DT2MA	ZN2C0.2
1	Ping	ZN-C1	ZN2C0.2
0	Time Sync	PZN-C2M	ZN2C0.2
)2	Setup	▶ IN-M2AF	ZN2C0.2
1	Factory Default	▶ -MB243M	ZN2C0.2
4	Clear List	-DT2MTP	ZN2C0.2
4		N-M2AF	ZN2C0.2
1	Reboot Upgrade Mode	▶ I-MD221M	ZN2C0.2
		N-B2MTP	ZN2C0.2
6	Upgrade All Unite	I-MD221M	ZN2C0.2
2	operade All Onits	NR8HL	20210.1.
	GetVendorCode		
-	Export		
	Import		

You can get vender code of selected Camera.



# 5.7 Export/Import

00	ZIN-DTIMA	21121
Beland of	ZN-DT2MAP	ZN20
	ZN-DT2MAP	ZN20
1 Get System Information	ZN-DT2MA	ZN20
L. Ping I	ZN-C1	ZN20
Time Sync 🔰	ZN-C2M	ZN20
2 Setup I	ZN-M2AF	ZN20
L. Factory Default	ZN-MB243M	ZN20
L. A. L	ZN-DT2MTP	ZN20
L. Clear List	ZN-M2AF	ZN20
J Reboot Upgrade Mode	ZN-MD221M	ZN20
Lingrade Selected Unit	ZN-B2MTP	ZN20
Upgrade Officied Offic	ZN-MD221M	ZN20
L.	NR8HL	20210
GetVendorCode		hi.
Export		
Import K		

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