

Installation Wizard User's Manual

This Manual is for you to understand how to install Installation Wizard, and how to use the tool to search IP address, upgrade firmware, and set other basic setting for the devices.

Thank you for purchasing this Panasonic product.

Please read this manual carefully before using this product and save this manual for future use. In this manual, the suffix of each model number is omitted unless necessary.

Manuals and supporting information are provided on the Panasonic Web site at: https://panasonic.net/cns/pcc/support/pbx/

Note

 The screen shots shown in this guide are provided for reference only, and may differ from the screens displayed on your PC.

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1 Installation

1.1 Software Installation

The following are steps for the software installation.

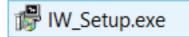
1. Download Installation wizard from Panasonic web site.

https://panasonic.net/cns/pcc/support/pbx/

Unzip IW_vX.XX.zip then double click IW_Setup.exe to install installation Wizard on your computer.

Note

• Installation Wizard will be abbreviated as IW in the following discussions throughout this document. Double click IW_Setup.exe to install the IW.



2. On the License and Agreement page, press I Agree to proceed to the next step.

🖁 Installati	on Wizard Setup: License Agre	e — 🗆 💌
Please	review the license agreement before install accept all terms of the agreement, click I Ag	ling Installation Wizard. gree.
Ltd. (hereinaft Your acceptan Please carefull containing the Licensed Softv Licensed Softv Software shall terms of this A open the pack download or in power, capacit	Agreement between you and Panasonic Sy er called "The Company") for use of the Lic ce of this Agreement is required to use the ly read this Agreement before opening the Licensed Software, or using, downloading vare. Your opening of the package (if any) vare, or use, downloading or installation of l be conclusively deemed to constitute your Agreement. If you do not agree with this Ag age (if any) containing the Licensed Softwa Istall the Licensed Software. You represent ty and authority to accept this agreement. I pour employer or another entity, you represent	Licensed Software. Licensed Software. package (if any) or installing the containing the the Licensed acceptance of the greement, do not re, or use, that you have full f you are accepting
Cancel	Nullsoft Install System v3.0a2	I Agree

3. Choose if you want to create a shortcut on the desktop. Press Next.

🖉 Installation Wizard Set	up: Installation 🗕 🗖 🗙				
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.					
Select components to install:	Create Shortcut on desktop				
Space required: 7.5MB					
Cancel Nullsoft Install Sy	stern v3,0a2 < Back Next >				

4. Select the installation path to install IW. Press Install to install IW.

Installation Wizard Setup: Installation F	f — 🗆 💌
Setup will install Installation Wizard in the following different folder, click Browse and select another for start the installation.	
Destination Folder C:\Program Files (x86)\Installation Wizard	Browse
Space required: 7.5MB Space available: 33.4GB	
Cancel Nullsoft Install System v3.0a2 < 8	ack Install

5. Press close to finish the process.

Installation Wizard Setup: Completed	_ □	
Completed Show details		
Cancel Nullsoft Install System v3.0a2 < Bac	k Clo	se

6. Installation Wizard icon is created on desktop.



2 Using Installation Wizard

2.1 User Interface

The product connected in the local network will be listed if a DHCP service is present and they are assigned with IP addresses.

On this window, most of the functional buttons will not be available until you click to select a camera from the list. Select a model (e.g., KX-NTV150) and click on the double-arrow button to display more functional buttons on the left of the screen. They include: "Manual Setup", "Access Information", "Upgrade Firmware(s)", "Restore Default" and "About IW".

Select a devic	e to s	setup or upgrade	III SI SI	ation	Wizard
Manual		0.60			
Setup	#	MAC	IP Address	Model	Firmware Version
Refresh	1	00-02-D1-3D-F7-0E	192.168.6.161	KX-NTV160	0101a
Devices	2	00-02-D1-3B-65-54	192.168.6.110	KX-NTV160	0101a
Dentes	3	00-02-D1-3D-F7-11	192.168.6.209	KX-NTV160	0101a
*	4	00-02-D1-3D-F7-10	192.168.6.112	KX-NTV160	0101a
	5	00-02-D1-3B-65-63	192.168.6.221	KX-NTV160	0101a
	6	00-02-D1-3D-F7-AB	192.168.6.215	KX-NTV160	0101a
Access Information					
Upgrade Firmware(s)					
Restore					
Default					
		ease check the MA our device first.	C and model n	ame in the p	broduct label of
About IW		ien, you can start f	to link to your	device and a	show the main
IVV		reen by double clic			

IW allows you to setup one device at one time and upgrade the firmware of multiple devices (please note that IW, KX-NTV150 and KX-NTV160 are not the same model) at the same time. You can use the Shift key and left mouse click to select multiple cameras. If you select different models, the "Upgrade Firmware(s)" button will be disabled.



Device Seleo Select a device		n setup or upgrade	Install	ation	Wizard
Manual Setup	#	MAC	IP Address	Model	Firmware Version
D (1	1	00-02-D1-3D-F7-0E	192.168.6.161	KX-NTV160	0101a
Refresh Devices	2	00-02-D1-3B-65-54	192.168.6.110	KX-NTV160	0101a
Devices	3	00-02-D1-3D-F7-11	192.168.6.209	KX-NTV160	0101a
*	4	00-02-D1-3D-F7-10	192.168.6.112	KX-NTV160	0101a
	5	00-02-D1-3B-65-63	192.168.6.221	KX-NTV160	0101a
	6	00-02-D1-3D-F7-AB	192.168.6.215	KX-NTV160	0101a
Access Information					
Upgrade Firmware(s)					
Firmware(s)					
Restore					
Default	<u> </u>				
	PI	ease check the MA	C and model n	ame in the pr	oduct label of
About		our device first.			
IW		nen, you can start f			
	sc	reen by double clic	cking the item	in the above	selection list.

The "Refresh Devices" button polls the local network for all connected cameras. Refreshing the device list will take several seconds.

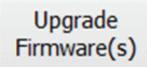
If you want to establish a management session with a device, double-click on it, and a session on the IE browser will start.

2.1.1 Functional Buttons

Device Select Select a device		etup or upgrade	Install	ation	Nizard
Manual Setup	#	MAC	IP Address	Model	Firmware Version
D ()	1	00-02-D1-3D-F7-0E	192.168.6.161	KX-NTV160	0101a
Refresh Devices	2	00-02-D1-3B-65-54	192.168.6.110	KX-NTV160	0101a
Devices	3	00-02-D1-3D-F7-11	192.168.6.209	KX-NTV160	0101a
*	4	00-02-D1-3D-F7-10	192.168.6.112	KX-NTV160	0101a
	5	00-02-D1-3B-65-63	192.168.6.221	KX-NTV160	0101a
	6	00-02-D1-3D-F7-AB	192.168.6.215	KX-NTV160	0101a
Access					
Information					
Upgrade					
Firmware(s)					
Restore					
Default					
		ease check the MA	C and model n	ame in the pr	oduct label of
About		ur device first.	a link ta wava	device and al	and the main
IW		en, you can start t reen by double clic			
		ou are not able to			
		ease make sure all vice and then click			

Manual Setup

Click on this button to modify the setting of the selected devices. For more details, please refer to 2.2 Manual Setup (Page 9) for more information.



Click on this button to upgrade the firmware of the selected devices. For more details, please refer to 2.4 Upgrade Firmware(s) (Page 20).



Click on this button to get the access information, it will show you the IP Address information, DDNS information, UPnP Port Forwarding information, and PPPoE connecting information. For more details, please refer to 2.3 Access Information (Page 17).



Click on this button to restore the selected device to factory defaults.

About IW

Click on this button to get version information of the Installation Wizard.

2.2 Manual Setup

IMPORTANT

 Write down the fixed IP or the IP address acquired through a DHCP service for your camera before you proceed. This IP will be necessary if you need to configure wireless network connections afterwards.

When you select one device in the selection list, the "Manual Setup" button will be enabled. Click on it to modify the settings of the selected device. The IW will attempt to connect to the selected device.

We strongly recommend that you access the WEB UI to change the default password before starting use of the software. If a user name and password have been configured on the device, a confirmation box will be displayed prompting you to enter the user name and password. Enter User name and Password for accessing the device. If you fail to enter the correct password three times, the IW will display a warning message (see below) and abort the connection.

Connecting to	the device 00-02-D1 💌
Please enter the	administrator password:
User name:	root
Password:	••••••
OK	Cancel
Au	thentication error
	d wrong password three times. ection to the device.
	r root password, you could reset tory default setting.
	ОК

Note

 If the KX-NTV150/KX-NTV160 is disconnected or the IP address does not exist anymore, because Installation Wizard cannot manually set IP addresses that do not exist, please refresh Installation Wizard again to get the correct IP address, and then try manually configuring again.

2.2.1 System Setting

After connecting to the selected device, the Installation wizard will switch to the system setting page.

Installation Wizard - Setup) Your Device	×
General Settings System, date, and time	setup Installation Wizard	
Step 1>> System		
	System setup	
	Hostname: KX-NTV160	
	Administrator	
	User name: root	
	Password:	
	Confirm password:	
	Date/Time setup	
	Date: 2015/11/19 ~	
	Time: 14:50:45 (hh:mm:ss)	
	Keep current date and time	
	○ Synchronize with computer time	
	○ Set date and time manually	
	\bigcirc Synchronize to network time server automatically	
	For security consideration, you can assign the hostname and administrator password for your device. Anyone who does not have correct password cannot access the device. If you forget your administrator password, your device must be restored to default settings.	
Cancel	Next	
Cancel		

Click this button to cancel the setup progress.

Next

Click this button to keep the present setting and proceed.

2.2.1.1 Change Host Name

The "Hostname" is displayed on a camera's web browser homepage and is displayed on the title bar with each video feed from the camera. The maximum string length is 40 characters or 13 characters in double-byte-character systems like Chinese or Japanese. Although some devices support Unicode, the maximum string length depends on the characters you enter, and the actual length may be less than 20 alphabetic characters. A warning message will be displayed if you enter invalid characters that are not supported by the ASCII code.

2.2.1.2 Change root password

To change the administrator's password, type the new password in both "Password" and "Confirm Password" text boxes identically. The maximum length of password depends on the server you are connected

to. A warning message will be displayed if you enter invalid characters that are not supported by the ASCII code. The default administrator name is "root," and this name cannot be changed.

2.2.1.3 Adjust date and time

Date/T	ime setup		
Date:	8/14/2015	•	
Time:	11:26:04		(hh:mm:ss)
Keep	current date	and time	2
Sync	hronize w <mark>ith c</mark> o	omputer	' time
🔘 Set d	late and time r	manually	/
Sync Sync	hronize to net	work tin	ne server automatically

There are three ways to adjust system date and time:

- **1.** "Synchronize with computer time": The easiest way is to make device synchronized with the computer running IW.
- **2.** "Set date and time manually": Set the date and time manually by entering new values. Notice the format in the related field while typing.
- 3. "Synchronize to network time server automatically": Make device automatically synchronized with time servers over the Internet every hour. Note that the NTP time server setting is made through a browser management session with the network camera. The configuration is found in System → System Time → NTP server.

If you want to keep the current date and time, please choose "Keep current date and time".

2.2.2 Network Setting

The IW can help you setup the network connection with LAN or PPPoE. After you clicked on the "Next" button from the System page, the IW will prompt you to configure the PPPoE setting (page 12). If you want to connect your network camera to Internet via PPPoE, please click on "Yes" to start the PPPoE setting process, or click on "No" to invoke the LAN setting.

<u>Note</u>

• If you accidentally click "Yes" while you do not want to set up network on PPPoE, close the General Settings window and start again.

Network	: Type 🔣
?	Do you want to setup PPPoE for the device?
	Yes No

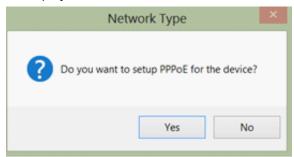
2.2.2.1 PPPoE Setting

1	Installation Wizard - Setup Your Device ×
Internet Accoun Enter your Internet	t Settings Installation Wizard
Step 1>> System	Step 2>> PPPoE Settings
	PPPoE username:
	PPPoE password:
	Please enter the username and password provided by your ISP (Internet Service Provider) to connect to Internet by PPPoE.
	You can click on the "Test" button to verify the provided username and password.
	Test
Cancel	Back Next

If you click on "Yes" in the "Network Type" dialog, you will enter the PPPoE setting page. Enter "PPPoE username" and "PPPoE password" provided by your Internet Service Provider. If you do not know the account information, please contact your ISP. After entering the account information, please click on the "Next" button to continue.

The maximum length of user name is 128 characters and 64 for the password. A warning message will be displayed if you enter invalid characters that are not supported by the ASCII code.

During the initiation process the IW automatically analyzes your network environment, and will prompt you to configure the PPPoE connection. If you attach cameras to a local area network, the PPPoE prompt might not be displayed.



If your network connection is made via PPPoE, click "Yes	" to begin configuration.
--	---------------------------

11	Installation Wizar	d - Setup Your Device	×
Internet Accoun Enter your Internet	t Settings	"Installation	Wizard
Step 1>> System	Step 2>> PPPoE	5 Settings	
	PPPoE username:	T0124639]
	PPPoE password:]
		sername and password p Provider) to connect to In	
	You can click on the username and past	he "Test" button to verify sword.	the provided
	Test		
Cancel		Bao	k Next

- 1. On the Internet Account Settings page, enter the PPPoE username and PPPoE password distributed to you by your ISP.
- 2. You can use the Test button to verify the connectivity via PPPoE.



The IW will try to connect via the cable/DSL modem with your ISP server.

3. Upon successful connection, the following message will be displayed.

11	1	Installation Wizar	d - Setu	p Your D	Device		×
		t Settings account informatio	Inst	allat	ion	Wiz	ard
() Step 1>	> System	Step 2>> PPPoE	Settings				
		PPPoE username:	T0124639)			
		PPPoE password:	•••••	•			
		Please enter the us (Internet Service P					
_	-	Verify PPPoE Usernan	l password are				
Cancel					Bac	k	Next

4. Continue your configuration using the Next button. If PPPoE service is not valid or you entered the wrong user name/password, the following message will be displayed. Consult your ISP for the correct PPPoE setup.



2.2.2.2 LAN Setting

If you click on "No" in the "Network Type" dialog, you will enter the Network Setting page. In this page, you can manually enter a static IP, subnet mask, default gateway, primary DNS server, and secondary DNS server. Please consult your network administrator for networking information.

11	Installation Wizard	l - Setup Your D	evice	×
Network Setting Setup network cor	js figuration	Installati	on Wiz	zard
Step 1>> System	Step 2>> Network	k Settings		
	Get IP by DHCP Serv	er automatically		
	IP address:	192.168.6.225		
	Subnet mask:	255.255.255.0		
	Default gateway:	192.168.6.1		
	Primary DNS server:	192.168.0.21		
	Secondary DNS server:	192.168.0.22		
Cancel			Back	Next

You can set up the network with DHCP or fixed IP:

- 1. DHCP: Selecting the "Get IP by DHCP Server automatically" checkbox will force the device to renew its IP address whenever it reboots, and the related network configuration is provided by the DHCP server.
- Fixed IP: If you want the device to use a fixed IP, please deselect the "Get IP by DHCP Server automatically" checkbox and assign a valid IP address, subnet mask, default gateway and DNS server for the device.

2.2.2.3 Wireless setting

Even if you still click on "No" in the "Network Type" dialog at the step 2.2.2.2 LAN Setting (Page 15), you can configure wireless settings manually.

Wirele	ss Setup	×
Do you want to setu	p the wireless confi	guration?
	Yes	No

2 Using Installation Wizard

	Installation V	Vizard - Setup	Your Device		×
Wireless Setting Connect your devi	gs ce with wireles	s AP Insta	llation	Wizar	d
Step 2>> Network	c Settings	tep 3>> Wireless	() Step 4>> A	Apply	• •
	SSID:	AP-123			
	Wireless mode:	Infrastructure	~		
		Channel: 0 v			
	Encrypt:	WPA-PSK ~			
		Pre-shared key:			
		Algorithm:	AES 🗸		
Cancel			Bad	c N	Next

You can enter SSID, wireless mode, channel and encrypt information.

Depending on the connection quality of your wireless network, it may take several minutes to apply the process.

2.3 Access Information

11	Installation Wizard - Access Information
Access Informa Access the device	
	Click the links below to access the device. Access Information Access from Home: http://192.168.6.225 Access from Literrate http://192.102.020000
	Access from Internet: http://220.133.8.232:8080 Access from Cellphone: rtsp://220.133.8.232:554/live2.sdp
	Add to my favorite Export to desktop Advanced information
	Exit

The access information page shows you all the information about how to access the server. There are three access types:

- **1.** Access from Home: If you access the camera from home, you can use the domain name (or IP address) and port number (if the http port is not 80) for access to the camera.
- 2. Access from Internet: If you access the camera from Internet, or you want to share the access to the camera with another user, you should use this IP Address (or domain name) and port. If the server is behind a router, it will check whether the UPnP or port mapping is enabled. If the UPnP and port mapping is not available, it will display a red "Warning Icon" after the link. If the "Warning Icon" appears after the link, the camera cannot be accessed from Internet.

3. Access from Cell phone: If your camera supports RTSP streaming, a link will be displayed for you to access using QuickTime® or players that support RTSP protocol (such as a 3GPP Mobile Phone). You can access the camera's video feed via this link.

11	Installation Wizard - Ac	cess Information
Access Informa	ation Ins	stallation Wizard
	Click the links below to a Access Information	ccess the device.
	Access from Home: Access from Internet:	http://192.168.6.225 http://220.133.8.232:8080
		rtsp://220.133.8.232:554/live2.sdp
	Add to my favorite Expo	
	Network type: UPnP port forwarding s	Fixed IP status: Disabled
	DDNS status:	8080, 554, 5556, 5557, 5558, 5559 Disabled
	PPPoE status: Wireless status:	Disabled Your device does not support wireless
		Exit

In the access information page, you can click on the "Advanced Information" to get more information.

- 1. Network type: The network type for access to the camera, it could be PPPoE, DHCP, or Fixed IP.
- **2.** UPnP status: The UPnP status. It could be Disabled, Success, or Failed.
- 3. DDNS status: The DDNS status. It could be Disabled, Success, or Failed.
- 4. PPPoE status: The PPPoE status. It could be Disabled, Success, or Failed.
- **5.** Wireless status: If your device supports wireless connection, the status will be Connected or Disconnected. If the device does not support wireless connection, it will be stated as "unsupported."

For cameras that do not have information for certain fields in the advanced information, "Unknown" is shown in some status fields.

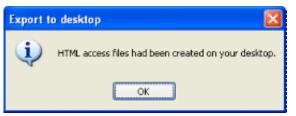
Two function buttons: "Add to my favorite" and "Export to desktop" are available on this page:

1. "Add to my favorite" is for you to add the Access Information to your browser's bookmarks. It helps preserve the links for access to the camera.

Add to r	ny favorite 🛛 🔀
٩	The links had been added to my favorite.
	ОК



2. "Export to desktop" will generate an HTML file on your desktop, and you can open this file by your browser and see the access information for this camera.



g/Desktop/Device_00-02-D1-36-8C-25.html

Access your camera 00-02-D1-36-8C-25

Access from Home	http://192.168.6.225
Access from Internet	http://220.133.8.232:8080
Access from mobile	rtsp://220.133.8.232:554/live2.sdp

2.4 Upgrade Firmware(s)

When you select one or multiple devices (of the same model), the "Upgrade Firmware(s)" button will be enabled. Click on it to upgrade the firmware of the selected device(s). The IW will try to connect the selected camera(s) and guide you through the upgrade firmware(s) process.

Installation Wiz	ctio		Instal	ation	Wizard
Select a device	e to s	etup or upgrade	IIIStal	I IIIIII	Autoria
Manual Setup					
	#	MAC	IP Address	Model	Firmware Version
Refresh	1	00-02-D1-3D-F7-0E	192.168.6.161		0101a
Devices	2	00-02-D1-3B-65-54	192.168.6.110	KX-NTV160	0101a
	3	00-02-D1-3D-F7-11	192.168.6.209	KX-NTV160	0101a
*	4	00-02-D1-3D-F7-10	192.168.6.112	KX-NTV160	0101a
	5	00-02-D1-3B-65-63	192.168.6.221	KX-NTV160	0101a
Access Information Upgrade Firmware(s)	6	00-02-D1-3D-F7-AB	192.168.6.215	KX-NTV160	0101a
Restore Default					
About IW	yo Th	ease check the MA ur device first. en, you can start t reen by double cliq	o link to your	device and s	show the main
	ple	you are not able to ease make sure all vice and then click	cables are pro	perly conne	cted to your

2.4.1 Device Information

When connected to the selected camera(s), the Upgrade Firmware(s) panel will display as shown below. If you select more than one camera, then the information for all cameras will be shown. You can switch to individual camera information by clicking on the tabbed panel.

Installation Wizard -	Upgrade Firmware
Upgrade Firmw Upgrade the firmw	
	Selected model: KX-NTV160 Selected devices information 192.168.6.161 MAC address: 00-02-D1-3D-F7-0E Firmware version: KX-NTV160.0101a
	Please select a firmware to upgrade the selected devices. Select firmware Start upgrade
	Curre
Installation Wizard -	Upgrade Firmware
Installation Wizard - Upgrade Firmw Upgrade the firmw	Installation Wizard
Upgrade Firmw	Installation Wizard
Upgrade Firmw	Installation Wizard Selected model: KX-NTV150 Selected devices information 192.168.6.230 MAC address: 00-02-D1-3B-64-2D

2.4.2 Firmware Information

The selected firmware information will show the information about the package file that you selected.

· Firmware version: The revision number of the selected firmware.

2.4.3 Select Firmware

You can use the "Select firmware" button to browse for the file that you want to upload to the selected camera(s). When the firmware file is selected, IW will examine whether the file you selected is correct. If it is the correct version, then more information about the package will be displayed and the "Start Upgrade" button is enabled. You can then click on the button to upgrade the firmware. If not, a warning message will be displayed.



Installation Wizard -	Upgrade Firmware		X
Un ave de Einere		Les Colle C	
Upgrade Firmwa Upgrade the firmwa		Installation	wizard
	Selected model:	KX-NTV150	
	Selected devic	es information	
	192.168.6.230		
	MAC address:	00-02-D1-3B-64-2D	
en el	Firmware vers	ion: KX-NTV150.0101a	
	Please select a f	irmware to upgrade the sele	ected devices.
	Select firmware	dtop\PSN\KX-NTV150_KX-NTV1	60-0101b, flash.pkg
	Start upgrade		
			Cancel
Invalid Firmware	unmatched.		

2.4.4 Start Upgrade

Click on the "Start Upgrade" button to upgrade the firmware of the selected device(s). A dialog box will be displayed showing the progress of the upgrade process. It takes about 5 to 10 minutes to complete the upgrade process. Depending on your camera model and network bandwidth, we recommend you perform the upgrade process in a wired LAN environment rather than a PPPoE or wireless environment.

Upgrade Firmware
Firmware upgrade is in progress. 0/1 upgrade is completed1/1 is on going
Elapsed time : 0:00:05

2 Using Installation Wizard

When the upgrade process is done, a confirm message will be displayed. Click "OK" to end the process.



2.4.5 Upgrading Firmware for Multiple Cameras

The firmware of multiple cameras of the same model can be upgraded in one procedure. Below is the sample process. The upgrade firmware task can be performed on a maximum of 16 cameras.

1. Select multiple cameras using the key combination of Shift and left mouse clicks.

Setup	#	MAC	IP Address	Model	Firmware Version
Refresh	1	00-02-D1-3D-F7-11	192.168.6.209	KX-NTV160	0101a
Devices	2	00-02-D1-3D-F7-10	192.168.6.112	KX-NTV160	0101a
Dendeb	3	00-02-D1-3D-F7-AB	192.168.6.215	KX-NTV160	0101a
*	4	00-02-D1-3D-F7-0E	192.168.6.161	KX-NTV160	0101a
	5	00-02-D1-3B-65-63	192.168.6.221	KX-NTV160	0101a
	6	00-02-D1-3B-65-54	192.168.6.110	KX-NTV160	0101a
Access	7	00-02-D1-3B-64-2D	192.168.6.230	KX-NTV150	0101a
Information	8	00-02-D1-3E-0F-F2	192.168.6.118	KX-NTV150	0101a
	9	00-02-D1-3E-0F-46	192.168.6.145	KX-NTV150	0101a
Upgrade Firmware(s)	10	00-02-D1-3B-64-28	192.168.6.128	KX-NTV150	0101a

2. Cameras selected will be displayed on a tabbed panel.

Selected model: KX-NTV150

Selected devices information			
Selected devic	esimormation		
192.168.6.118			
MAC address:	00-02-D1-3E-0F-F2		
Firmware vers	ion: KX-NTV150.0101a		

3. Click on the Select firmware button to locate a firmware package file (usually comes in the *.pkg file format).

Installation Wizard - Upgrad	de Firmware	
Upgrade Firmware	IIIStalla	tion Wizard
	Selected model: KX-NTV160 Selected devices information 192.168.6.215 MAC address: 00-02-D1-3D-F7-A8 Firmware version: KX-NTV160.0101a Please select a firmware to upgrade the sel	lected devices.
Select firmwa	Select firmware	X
Crganize ▼ Corganize ▼ Corganize ▼ Corganize ▼ Music Pictures Videos	PSN New folder ents KX-NTV150 KX-NTV160-0101b.flas	Search PSN Image: I

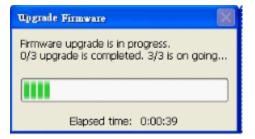
4. If you select a wrong type of firmware, e.g., firmware for a different model, the IW will display a warning message. Contact technical support or check on Panasonic's website for an appropriate release of firmware.

Invalid Firmware 🛛 🔀	
The model is unmatched.	
Invalid Firmware	
The selected firmware major number :	is older than the current one, camera cannot be upgraded use this firmware.
	ОК

2 Using Installation Wizard

5. Once an appropriate firmware is selected, click on the "Start upgrade" button. A progress window will be displayed. Wait for the upgrade to complete.

Installation Wizard	· Upgrade Firmware
Upgrade Firmw Upgrade the firmw	are Installation Wizard
	Selected model: KX-NTV150
	Selected devices information
	192.168.6.118
	MAC address: 00-02-D1-3E-0F-F2
- A	Firmware version: KX-NTV150.0101a
203	Please select a firmware to upgrade the selected devices. Select firmware dop\PSN KX-NTV150_KX-NTV160-0101b.flash.pkg
	Select firmware top\PSN KX-NTV150_KX-NTV160-0101b.flash.pkg Start upgrade
	Cancel



6. Below are the messages that might appear after the upgrade.

Upgrade	Firmware	
(į)	Firmware upgrade for the device (MAC = 00-02-D1	-07-25-8B) Failed!
	ОК	
Upgrade	Firmware	
(į)	The number of devices is upgraded successfully :2. The number of devices is upgraded failed :1.	

The IW will display a warning message. Contact technical support or check on Panasonic's website for an appropriate release of firmware.

2.5 Restore Default

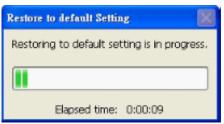
Ϋ́Υ	Installation Wizard	×
Device Select Select a device	tion Installation Wizard	
Manual Setun	Search	
Refr	Restore to default Settings	^
	Your device will be restored to default settings and the settings you made will be lost. Click on the "Yes" button to proceed.	
Acc Inforn	Yes No	
Upgrade Firmware(s)		
Restore		
Default	Please check the MAC and model name in the product label of	
About IW	your device first. Then, you can start to link to your device and show the main screen by double clicking the item in the above selection list.	
	If you are not able to find your device in the above selection list, please make sure all cables are properly connected to your device and then click on the "Refresh Devices" button.	

The restore default function erases user's settings, such as preset locations, Host name, image preferences, Motion Detection, Privacy Mask, etc., and restores factory default settings. To restore defaults for a camera:

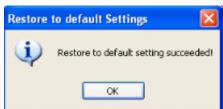
- 1. Left-click to select a camera, and click on the Restore Default button.
- 2. Click "Yes" to proceed. Note that your previous configuration on the camera will all be lost.
- 3. If you have preset password for the camera, you will need to enter the password for the administrator login.

Connecting to the	device 00-02-D1-11-7A-4A	×
Please ei	nter the administrator password:	
User name:	root	
Password:		
ок		Cancel

4. The progress bar will be displayed, and the process may take up to several minutes.



5. Click "OK" to end the process.



6. You can now open a management session with the camera to re-configure it.

Device Select		ו setup or upgrade	Instal	ation	Wizard
Manual		0.60			
Setup	#	MAC	IP Address	Model	Firmware Version
Refresh	1	00-02-D1-3D-F7-0E	192.168.6.161	KX-NTV160	0101a
Devices	2	00-02-D1-3B-65-54	192.168.6.110	KX-NTV160	0101a
Dences	3	00-02-D1-3D-F7-11	192.168.6.209	KX-NTV160	0101a
*	4	00-02-D1-3D-F7-10	192.168.6.112	KX-NTV160	0101a
	5	00-02-D1-3B-65-63	192.168.6.221	KX-NTV160	0101a
	6	00-02-D1-3D-F7-AB	192.168.6.215	KX-NTV160	0101a
Access Information					
Upgrade Firmware(s)					
Restore					
Default		ease check the MA our device first.	C and model n	ame in the p	roduct label of
About IW	Th	ien, you can start t reen by double clic			
	ple	you are not able to ease make sure all wice and then click	cables are pro	perly connec	ted to your

Notes

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