# IP Admin Tool User's Manual



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### **1. IP Admin Tool**

IPAdminTool is a utility program for IP products. Following list shows a part of features that IPAdminTool provides.

- Configure IP address, subnetmask, gateway
- Shows network related information such as MAC address
- Updates firmware, webpage and UMC.cab (AcitiveX)



Note) Firmware version 437 or later *does not* include a webpage, therefore a default webpage or yours own webpage must be uploaded for HTTP-API (CGI command). Refer to "8. Updating firmware using Kernel16K472 or later".

IPAdminTool is provided with SDK at following SDK path.

 $SDK root\BIN\TOOLS\AdminTool$ 

#### 1.1. Requirements

IPAdminTool needs Windows 2000<sup>TM</sup>, Windows XP<sup>TM</sup> or later Windows® operating system. *IPAdminToo.exe* and *IPAdminTool.dll* must be in the same folder, otherwise an error message is shown as the following Figure 1.



Figure 1. IPAdminTool.dll

#### Factory default ID and password

ID – root PW – pass

### 2. Device Information

#### 2.1. Scanning Devices

IPAdminTool scans IP products immediately when it starts. It re-scans network for keep updating IP products on the list in every 2 seconds. You can force scanning by pressing *Refresh* button.

🐌 IPAdminTool Ver2.0.6	j					
<u>F</u> ile <u>S</u> etup <u>S</u> ystem <u>M</u> ode	9					
IP Setup Firmware Upo	date Reboot	Device Info	Refresh			Exit
Selected Device : IPC1100(1	Display Ra	ack info 📃 Sto	op Refreshing			
Device NAME 🔺	IP Address	MAC Address	Hostname	Firmware	Up time	~
IPC1100	192.168.19.90	00:13:23:03:13:5A	Aging_Test	FW V1.5.609	1 day	
IPC1100	192.168.19.129	00:13:23:03:13:81	Aging_Test	FW V1.5.609	1 day	
IPC1100	192.168.19.48	00:13:23:03:13:30	Aging_Test	FW V1.5.609	1 day	
IPC3100	192.168.21.55	00:13:23:03:15:37	Aging_Test	FW V1.5.609	1 day	
NVE1000	192.168.19.240	00:13:23:03:13:F0	Aging_Test	FW V1.5.609	5 days	
IPC1100	192.168.23.243	00:13:23:03:17:F3	Aging_Test	FW V1.5.609	1 day	
IPC3500	192.168.17.166	00:13:23:03:11:A6	Aging_Test	FW V1.5.609	1 day	
NVE1000	192.168.26.139	00:13:23:03:1A:8B	Aging_Test	FW V1.5.609	1 day	
IPC1100	192.168.19.113	00:13:23:03:13:71	Aging_Test	FW V1.5.609	1 day	=
IPC1100	192.168.19.105	00:13:23:03:13:69	Aging_Test	FW V1.5.609	1 day	
IPC1100	192.168.19.62	00:13:23:03:13:3E	Aging_Test	FW V1.5.609	1 day	_
NVE4000	192.168.24.132	00:13:23:03:18:84		FW V1.5.609	5 days	
NVE1000	192.168.19.238	00:13:23:03:13:EE	Aging_Test	FW V1.5.609	5 days	
NVE4000	192.168.13.215	00:13:23:03:0D:D7	Aging_Test	FW V1.5.609	5 days	
IPC1100	192.168.19.140	00:13:23:03:13:8C	Aging_Test	FW V1.5.609	1 day	
IPC3500	192.168.21.46	00:13:23:03:15:2E	Aging_Test	FW V1.5.609	4 hours	
NVE2000	192.168.20.9	00:13:23:03:14:09		FW V1.5.608	11 hours	
NVE2000	192.168.20.2	00:13:23:03:14:02	Aging_Test	FW V1.5.609	5 days	
NVE4050	192.168.13.214	00:13:23:03:0D:D6	Aging_Test	FW V1.5.609	5 days	~
L						
Filter	App	bly		Cnt : 83		

Figure 2. Scanning devices



If you use router or other similar devices, make sure your device support multicast. Otherwise IPAdminTool does not search all of NVE/IPC devises where is different class of your client PC due to NVE/IPC default subnet mask is 255.255.0.0.



If you want to stop to retrieve devices, check Stop Refreshing.

### 2.2. Add Device by entering the IP

*Add Device by entering the IP* is able to change NVE/IPC's IP address where is *not* in the intranet as following orders.

- 1. Click *System* in the menu bar
- 2. Click Add Device by entering the IP
- 3. Type NVE/IPC's IP address and press Add button

IPAdmin Tool Verz.U.6	)					
<u>F</u> ile <u>S</u> etup <u>S</u> ystem <u>M</u> ode	9					
IP Setup Firmware Up	date Reboot	Device Info	Refresh			Exit
Selected Device : IPC1100(1	192.168.19.90)			Display Ra	ack info 🛛 🗌 Stop	Refreshing
Device NAME 🔺	IP Address	MAC Address	Hostname	Firmware	Up time	^
IPC1100	192.168.19.90	00:13:23:03:13:5A	Aging_Test	FW V1.5.609	1 day	
IPC1100	192.168.19.129	00:13:23:03:13:81	Aging_Test	FW V1.5.609	1 day	
IPC1100	192.168.19.48	00:13:23:03:13:30	Aging_Test	FW V1.5.609	1 day	
IPC3100	192.168.21.55	00:13:23:03:15:37	Aging_Test	FW V1.5.609	1 day	
NVE1000	192.168.19.240	00-13-23-03-13-E0	Aging Test	FW V1.5.609	5 days	
IPC1100	192.168.23.243	Add Device by en	tering the IP 🛛 🔀	FW V1.5.609	1 day	
IPC3500	192.168.17.166			FW V1.5.609	1 day	
NVE1000	192.168.26.139			FW V1.5.609	1 day	
IPC1100	192.168.19.113	IP Address 192.1	68.18.97	FW V1.5.609	1 day	
IPC1100	192.168.19.105			FW V1.5.609	1 day	
IPC1100	192.168.19.62	Add	Cancel	FW V1.5.609	1 day	
NVE4000	192.168.24.132			FW V1.5.609	5 days	
NVE1000	192.168.19.238	00:13:23:03:13:EE	Aging_Test	FW V1.5.609	5 days	
NVE4000	192.168.13.215	00:13:23:03:0D:D7	Aging_Test	FW V1.5.609	5 days	
IPC1100	192.168.19.140	00:13:23:03:13:8C	Aging_Test	FW V1.5.609	1 day	
IPC3500	192.168.21.46	00:13:23:03:15:2E	Aging_Test	FW V1.5.609	4 hours	
NVE2000	192.168.20.9	00:13:23:03:14:09		FW V1.5.608	11 hours	
NVE2000	192.168.20.2	00:13:23:03:14:02	Aging_Test	FW V1.5.609	5 days	
NVE4050	192.168.13.214	00:13:23:03:0D:D6	Aging_Test	FW V1.5.609	5 days	~
Filter	Арг	bly		Cnt : 83		

Figure 3. Add Device by entering the IP

### 2.3. IP Filtering

IPAdminTool has IP filtering function. It is helpful there are so many NVE/IPCs. You can simply type IP Address which you want to filter and then click *Apply* button or press *enter* 

👅 IPAdminTool Ver2.0.6	;					
<u>F</u> ile <u>S</u> etup <u>S</u> ystem <u>M</u> ode	e					
IP Setup Firmware Upo	date Reboot	Device Info	Refresh			Exit
Selected Device : IPC1100(1	Selected Device : IPC1100(192.168.19.90)					Refreshing
Device NAME 🔺	IP Address	MAC Address	Hostname	Firmware	Up time	~
IPC1100	192.168.19.90	00:13:23:03:13:5A	Aging_Test	FW V1.5.609	1 day	
IPC1100	192.168.19.129	00:13:23:03:13:81	Aging_Test	FW V1.5.609	1 day	
IPC1100	192.168.19.48	00:13:23:03:13:30	Aging_Test	FW V1.5.609	1 day	
IPC3100	192.168.21.55	00:13:23:03:15:37	Aging_Test	FW V1.5.609	1 day	
NVE1000	192.168.19.240	00:13:23:03:13:F0	Aging_Test	FW V1.5.609	5 days	
IPC1100	192.168.23.243	00:13:23:03:17:F3	Aging_Test	FW V1.5.609	1 day	
IPC3500	192.168.17.166	00:13:23:03:11:A6	Aging_Test	FW V1.5.609	1 day	
NVE1000	192.168.26.139	00:13:23:03:1A:8B	Aging_Test	FW V1.5.609	1 day	_
IPC1100	192.168.19.113	00:13:23:03:13:71	Aging_Test	FW V1.5.609	1 day	-
IPC1100	192.168.19.105	00:13:23:03:13:69	Aging_Test	FW V1.5.609	1 day	
IPC1100	192.168.19.62	00:13:23:03:13:3E	Aging_Test	FW V1.5.609	1 day	_
NVE4000	192.168.24.132	00:13:23:03:18:84		FW V1.5.609	5 days	
NVE1000	192.168.19.238	00:13:23:03:13:EE	Aging_Test	FW V1.5.609	5 days	
NVE4000	192.168.13.215	00:13:23:03:0D:D7	Aging_Test	FW V1.5.609	5 days	
IPC1100	192.168.19.140	00:13:23:03:13:8C	Aging_Test	FW V1.5.609	1 day	
IPC3500	192.168.21.46	00:13:23:03:15:2E	Aging_Test	FW V1.5.609	4 hours	
NVE2000	192.168.20.9	00:13:23:03:14:09		FW V1.5.608	11 hours	
NVE2000	192.168.20.2	00:13:23:03:14:02	Aging_Test	FW V1.5.609	5 days	
NVE4050	192.168.13.214	00:13:23:03:0D:D6	Aging_Test	FW V1.5.609	5 days	~
Filter	Арг	ly		Cnt : 83		

Figure 4. IP Filtering

#### 2.4. Displaying RACK information

RACK type device as like NVE40K and NVE12K have two ID for identifying each Sub-Rack and each blade unit. If you check *Display Rack Info* and device is NVE4000R, RACK ID and Blade ID are displayed.

😹 IPAdminTool Ver2.0.	IPAdminTool Ver2.0.6								
<u>F</u> ile <u>S</u> etup <u>S</u> ystem <u>M</u> od	le								
IP Setup Firmware U	pdate Reboot	Device Info	Refresh					Exit	٦
Selected Device + TPC1100						_			
Selected Device : IFCII00	(192.100.19.90)				Display	Rack info	top Refreshind		
Device NAME	IP Address	MAC Address	Hostname	F	irmware	Up time	Rack 🔺	Blade ID	^
NVE4000	192.168.20.209	00:13:23:03:14:D1	Aging_Test	F	W V1.5.609	5 days	0	5	
NVE4000	192.168.29.224	00:13:23:03:1D:E0		F	W V1.5.609	1 day	0	5	
NVE4000	192.168.29.232	00:13:23:03:1D:E8		F	W V1.5.609	1 day	0	6	
NVE4000	192.168.29.237	00:13:23:03:1D:ED		F	W V1.5.609	1 day	0	7	
NVE4000	192.168.24.132	00:13:23:03:18:84		F	W V1.5.609	5 days	0	8	
IPC4100(cjng96)	192.168.3.167	00:13:23:03:15:2A	efg1	F	W V1.5.609	2 hours			
EXIP100	192.168.29.81	00:13:23:03:1D:51		F	W V1.5.609	2 hours			
IPC3500	192.168.21.46	00:13:23:03:15:2E	Aging_Test	F	W V1.5.609	4 hours			
NVE4000	192.168.13.4	00:13:23:03:0D:04		F	W V1.5.609	5 hours			
NVE4000	210.112.174.11	00:13:23:03:14:6F	nve	F	W V1.5.609	6 hours			
NVE2000	192.168.20.9	00:13:23:03:14:09		F	W V1.5.608	11 hours			
NVE4000	192.168.24.119	00:13:23:03:18:77		F	W V1.5.601	1 day			
IPC1100	192.168.18.88	00:13:23:03:12:58	nve	F	W V1.5.609	1 day			
NVE1000	192.168.26.139	00:13:23:03:1A:8B	Aging_Test	F	W V1.5.609	1 day			
IPC1100	192.168.19.62	00:13:23:03:13:3E	Aging_Test	F	W V1.5.609	1 day			
IPC1100	192.168.19.95	00:13:23:03:13:5F	Aging_Test	F	W V1.5.609	1 day			
IPC3500	192.168.17.134	00:13:23:03:11:86	nve	F	W V1.5.609	1 day			
IPC1100	192.168.19.105	00:13:23:03:13:69	Aging_Test	F	W V1.5.609	1 day			
IPC1100	192.168.19.113	00:13:23:03:13:71	Aging_Test	F	W V1.5.609	1 day			~
L				-					21
Filter		ly			Cnt : 81	L			

Figure 5. RACK Information

## 3. IP Setup

#### 3.1. IP Setup

Click a device on the list and then press *IP Setup*. It shows *IP Setup* dialog as following Figure 6. Change the IP configuration regarding your network environment.

NOTE : IP setup requires the input of ID and password. The factory default is ID:root and PW:pass.

IP Setup		
C DHCP	Static Static VE4000rev50	Client Network Information
IP Address	192.168.13.2	Adapter Name: {AFACAA80-C265-45E7-AEC8-ABC0F1E7A17E}
Subnet Mask	255.255.0.0	Adapter Info: NVIDIA nForce Networking Controller
GateWay	192.168.0.1	Adapter MAC Addr: 0016d317d7eb IP Address: 192.168.3.27
DNS	168 . 126 . 63 . 2	Subnet Mask: 255.255.0.0 Gateway: 192.168.0.1
Hostname	Ricky's NVE4000	DNS: 168.126.63.1
	Setup	Cancel

Figure 6. IP set up



If the client system uses *Virtual Ethernet Adapter* for Virtualization Software such as *VMware*, IPAdminTool may show you wrong information of the NVE/IPC's IP address.

## 4. Uploading and Updating

### 4.1.Updating Firmware

This function is for updating the firmware of NVE/IPC. After selecting the firmware image file using *Browse* button and then click *Update* button for updating a new firmware.

Firmware Update	
Selected Device : IPC3500(192.168.21.46)	
O Boot Loader 💿 Firmware	Auto Search
D:\temp\NVE 6xx\Kernel16X602(Linux image HW1.3 KR602)	Browse
Ready0% Update	Close

Figure 7. Firmware update



The uploading or update process requires some time for completion. Do not turn off the NVE system at least for 3 min until you see the message it gets done.

#### 4.2.Uploading ActiveX (UMC.cab)

ActiveX is provided by UMC.cab (UDP media component). IPAdminTool lets you upload ActiveX (UMC.cab).

#### Uploading AcitveX (UMC.cab)

You can upload ActiveX as following instruction:

- 1. Click one of NVE/IPC which you want to upload AcitveX.
- 2. Select System → AciveX Upload
- 3. Click *Browse* to choose the UMC.cab file
- 4. Click Update button.

😹 IPAdmin'	Fool Ver2.0.6	j					
<u>F</u> ile <u>S</u> etup	System Mode	)					
IP Setup	Add Device b	y entering the IP	Device Info	Refresh			Exit
Selected Dev	<u>P</u> rotect Updat	te			Display R	ack info 📃 Sto	p Refreshing
Device NAI	<u>F</u> irmware Up	date	MAC Address	Hostname	Firmware	Up time	~
IPC1100	<u>W</u> ebpage Upl	oad	00:13:23:03:13:5A	Aging_Test	FW V1.5.609	1 day	
IPC1100	ActiveX Uploa	ad	00:13:23:03:13:81	Aging_Test	FW V1.5.609	1 day	
IPC1100	User File Uple	oad	00:13:23:03:13:30	Aging_Test	FW V1.5.609	1 day	
IPC3100			00:13:23:03:15:37	Aging_Test	FW V1.5.609	1 day	
NVE1000	Do <u>m</u> e Update	9	00:13:23:03:13:F0	Aging_Test	FW V1.5.609	5 days	
IPC1100	Douico Info		00:13:23:03:17:F3	Aging_Test	FW V1.5.609	1 day	_
IPC3500	Device into		00:13:23:03:11:A6	Aging_Test	FW V1.5.609	1 day	
NVE1000	Reboot		00:13:23:03:1A:8B	Aging_Test	FW V1.5.609	1 day	=
IPC1100		192,100,19,113	00:13:23:03:13:71	Aging_Test	FW V1.5.609	1 day	
IPC1100		192.168.19.105	00:13:23:03:13:69	Aging_Test	FW V1.5.609	1 day	
IPC1100		192.168.19.62	00:13:23:03:13:3E	Aging_Test	FW V1.5.609	1 day	
NVE4000		192.168.24.132	00:13:23:03:18:84		FW V1.5.609	5 days	
NVE1000		192.168.19.238	00:13:23:03:13:EE	Aging_Test	FW V1.5.609	5 days	
NVE4000		192.168.13.215	00:13:23:03:0D:D7	Aging_Test	FW V1.5.609	5 days	
IPC1100		192.168.19.140	00:13:23:03:13:8C	Aging_Test	FW V1.5.609	1 day	
IPC3500		192.168.21.46	00:13:23:03:15:2E	Aging_Test	FW V1.5.609	4 hours	
NVE2000		192.168.20.9	00:13:23:03:14:09		FW V1.5.608	11 hours	
NVE2000		192.168.20.2	00:13:23:03:14:02	Aging_Test	FW V1.5.609	5 days	
NVE4050		192.168.13.214	00:13:23:03:0D:D6	Aging_Test	FW V1.5.609	5 days	~
Filter		Арр	ly	<u></u> .	Cnt : 85		

Figure 8. Uploading ActiveX



If you use IE 6.0 or later version, install the ActiveX control as following Figure 9.

🖉 NVE2000rev50 Ver – Windows Internet Explorer 📃	l ×
🕞 🕙 – 🖉 http://192,168,2,96/enc-cgi/a 🗹 🐓 🗙 Google 🖉 🖌	> -
🛠 🏕 🌈 NVE2000rev50 Ver 👘 🖓 • 🗟 → 🖶 • 🔂 Page • 🎯 T <u>o</u> ols	• »
Pop-up blocked, Also, to help protect your security, Internet Explorer blocked other content from this site, Cline Pop-up Blocked ▶	×
More information <u>W</u> hat's the Risk?	
NVE SingleView MultiView Setup	
Image Source Video 1	
PLAY STOP SNAPSHOT Full Screen District Motion View Dosd View	
Slick here to install the following ActiveX control: 'UMC ver, 1,3,2,0' from 'Cap Co'	
	<b>▼</b>
🖲 Done 🛛 🛃 👘 😜 Internet 🔍 100%	• //

Figure 9. Installing ActiveX Control on IE 6.0 or later version.

If a user happens to face a pop-up dialog as Figure 10, please upload the latest ActiveX (UMC.cab) to NVE.

http://192, 168, 15, 168/enc-cgi/activex_error, cgi								
Failed "install ActiveX" There are no ActiveX (UMC.cab). Update ActiveX(UMC.cab) by IPAdminTool								
🔹 100% 🗸 100% 🗸 100%								

Figure 10. ActiveX does not exist on NVE.



If the ActiveX version is lower in according to the firmware version, A web browser keeps asking you to upload the ActiveX.

#### 4.3. Uploading Add-on application files

To upload add-on application files, select System  $\rightarrow$  User File Update....

User File Upload	
Selected Device NVE4000(192.168.13.215)	
c:\*.*	Browse
Upload Path Upload	Close
Default Path /mnt/user1/	

Figure 11. User File Update dialog.

The available paths for Add-on application are */mnt/user1*. If you specify other path, you will lose uploaded files after the rebooting of NVE.

IPAdminTool can only upload files. It cannot delete files uploaded. Connect NVE using telnet and delete Add-on application.

## 5. Rebooting

*Reboot* function lets reboot NVE remotely.

😹 IPAdminTool Ver2.0.6	j					
<u>F</u> ile <u>S</u> etup <u>S</u> ystem <u>M</u> ode	e					
IP Setup Firmware Upo	date Reboot	Device Info	Refresh			Exit
Selected Device : IPC1100(192.168.19.90)						
Device NAME 🔺	IP Address	MAC Address	Hostname	Firmware	Up time	~
IPC1100	192.168.19.90	00:13:23:03:13:5A	Aging_Test	FW V1.5.609	1 day	
IPC1100	192.168.19.129	00:13:23:03:13:81	Aging_Test	FW V1.5.609	1 day	
IPC1100	192.168.19.48	00:13:23:03:13:30	Aging_Test	FW V1.5.609	1 day	
IPC3100	192.168.21.55	00:13:23:03:15:37	Aging_Test	FW V1.5.609	1 day	
NVE1000	192.168.19.240			FW V1.5.609	5 days	
IPC1100	192.168.23.243	IPAdmin I ool		FW V1.5.609	1 day	
IPC3500	192.168.17.166	NVE4000		FW V1.5.609	1 day	
NVE1000	192.168.26.139	1 11424000		FW V1.5.609	1 day	
IPC1100	192.168.19.113	🕒 Do you really wa	ant to reboot the device?	FW V1.5.609	1 day	
IPC1100	192.168.19.105			FW V1.5.609	1 day	
IPC1100	192.168.19.62	OK	Cancel	FW V1.5.609	1 day	
NVE4000	192.168.24.132			FW V1.5.609	5 days	
NVE1000	192.168.19.238	00:13:23:03:13:EE	Aging_Test	FW V1.5.609	5 days	
NVE4000	192.168.13.215	00:13:23:03:0D:D7	Aging_Test	FW V1.5.609	5 days	
IPC1100	192.168.19.140	00:13:23:03:13:8C	Aging_Test	FW V1.5.609	1 day	
IPC3500	192.168.21.46	00:13:23:03:15:2E	Aging_Test	FW V1.5.609	4 hours	
NVE2000	192.168.20.9	00:13:23:03:14:09		FW V1.5.608	11 hours	
NVE2000	192.168.20.2	00:13:23:03:14:02	Aging_Test	FW V1.5.609	5 days	
NVE4050	192.168.13.214	00:13:23:03:0D:D6	Aging_Test	FW V1.5.609	5 days	~
L						
Filter		ply	Cr	it:83		

Figure 12. Rebooting

# 6. Hostname

Hostname is an alias for a NVE/IPC so that one can distinguish one device from another. Nickname is empty by default.

You have to refresh information by clicking *Refresh* button after you changed Hostname.

Select *Setup* -> Hostname at the menu.

😼 IPAdminTool Ver2.0.6							
Eile Setup System Mode							
IP Setup Firmware Update Reboot   Device Info   Refresh						Exit	
Selected Device : [PC1100(1	192.168.19.90)				📃 Display R	ack info 🛛 🗌 Stop	p Refreshing
Device NAME	IP Address	MAC Address	Hostname		Firmware	Up time	^
IPC1100	192.168.19.90	00:13:23:03:13:5A	Aging_Test		FW V1.5.609	1 day	
IPC1100	192.168.19.129	00:13:23:03:13:81	Aging_Test		FW V1.5.609	1 day	
IPC1100	192.168.19.48	00+13+23+03+13+30	Aging Test		FW V1.5.609	1 day	
IPC3100	192.168.21.55	Hostname		×	FW V1.5.609	1 day	
NVE1000	192.168.19.240		(100.100.15.71)		FW V1.5.609	5 days	
IPC1100	192.168.23.243	Selected Device NVE4000	(192.168.15./1)		FW V1.5.609	1 day	
IPC3500	192.168.17.166	Old Hostname None			FW V1.5.609	1 day	
NVE1000	192.168.26.139				FW V1.5.609	1 day	
IPC1100	192.168.19.113	New Hostname			FW V1.5.609	1 day	
IPC1100	192.168.19.105	( Analy	Class		FW V1.5.609	1 day	
IPC1100	192.168.19.62	Appiy	Ciose		FW V1.5.609	1 day	
NVE4000	192.168.24.132	00:13:23:03:18:84			FW V1.5.609	5 days	
NVE1000	192.168.19.238	00:13:23:03:13:EE	Aging_Test		FW V1.5.609	5 days	
NVE4000	192.168.13.215	00:13:23:03:0D:D7	Aging_Test		FW V1.5.609	5 days	
IPC1100	192.168.19.140	00:13:23:03:13:8C	Aging_Test		FW V1.5.609	1 day	
IPC3500	192.168.21.46	00:13:23:03:15:2E	Aging_Test		FW V1.5.609	4 hours	
NVE2000	192.168.20.9	00:13:23:03:14:09			FW V1.5.608	11 hours	
NVE2000	192.168.20.2	00:13:23:03:14:02	Aging_Test		FW V1.5.609	5 days	
NVE4050	192.168.13.214	00:13:23:03:0D:D6	Aging_Test		FW V1.5.609	5 days	~
Filter	A	pply		Cnt :	83		

Figure 13. Hostname

### 7. Customizing Web Pages

You can customize web pages of NVE/IPC for your own purpose. The firmware *Kernel16K472* or later version does not included webpage by itself. So please have a look at "8. *Updating firmware using Kernel16K472 or later*" if you are using this version of firmware.

#### 7.1. Changing web page root

By default, web root is *boawww*. If the web root path does not exist or the path contains invalid web pages, web pages of NVE is not displayed properly. Click NVE/IPC which you want to change and select *Config*  $\rightarrow$  *Web Root* at menu. *Old Root* indicates the current web root path. Type a new web root path at the *New Root* edit box and click the *Apply* button. You have to select a folder under */mnt/user1/* for example */mnt/user1/test*. You have to refresh information by clicking *Refresh* button after you changed web root.

😼 IPAdminTool Ver2.0.6							
<u>File Setup System M</u> ode							
IP Setup Firmware Update Reboot   Device Info   Refresh					Exit		
Selected Device : IPC1100(192.168.19.90)					Display R	ack info 📃 Stop	Refreshing
Device NAME	IP Address	MAC Address	Hostname		Firmware	Up time	~
IPC1100	192.168.19.90	00:13:23:03:13:5A	Aging_Test		FW V1.5.609	1 day	
IPC1100	192.168.19.129	00:13:23:03:13:81	Aging_Test		FW V1.5.609	1 day	
IPC1100	192.168.19,48	00:13:23:03:13:30	Aaina Test		FW V1.5.609	1 day	
IPC3100	192.168.21 Web	Root Path			FW V1.5.609	1 day	
NVE1000	192.168.19				FW V1.5.609	5 days	
IPC1100	192.168.23 Select	ed Device NVE4000(19	92.168.15.71)		FW V1.5.609	1 day	
IPC3500	192.168.17 Old 5	leat Dath //heausur			FW V1.5.609	1 day	
NVE1000	192.168.26	.oot Path /boawww			FW V1.5.609	1 day	
IPC1100	192.168.19 New F	Root Path			FW V1.5.609	1 day	
IPC1100	192.168.19	efault Web Poot Path (/bo:			FW V1.5.609	1 day	
IPC1100	192.168.19				FW V1.5.609	1 day	
NVE4000	192.168.24	Apply	Close		FW V1.5.609	5 days	
NVE1000	192.168.19				FW V1.5.609	5 days	
NVE4000	192.168.13.215	00:13:23:03:0D:D7	Aging_Test		FW V1.5.609	5 days	
IPC1100	192.168.19.140	00:13:23:03:13:8C	Aging_Test		FW V1.5.609	1 day	
IPC3500	192.168.21.46	00:13:23:03:15:2E	Aging_Test		FW V1.5.609	4 hours	
NVE2000	192.168.20.9	00:13:23:03:14:09			FW V1.5.608	11 hours	
NVE2000	192.168.20.2	00:13:23:03:14:02	Aging_Test		FW V1.5.609	5 days	
NVE4050	192.168.13.214	00:13:23:03:0D:D6	Aging_Test		FW V1.5.609	5 days	~
Filter	Ар	ply		Cnt : 8	3		

Figure 14. Changing web page root path

#### 7.2. Updating and backing up web pages

You can backup web pages form the NVE to a client PC. When the web pages in the NVE are backed up, two backups are generated. The first one is tar file named *backupxx.tar*. The second one is files with folder such the name of web root path (|*boawww*). The backup files and folder will be backed up under the path where IPAdminTool was executed. Select NVE/IPC which you want to change. Click *System*  $\rightarrow$  *Web Update...* at the menu. *Backup* button backs up web pages in the NVE to a client PC.

You can upload customized web pages to the NVE. Which means you can alternate web page from the NVE default web page to your own web page.

Before uploading customized web pages, you have to configure web page root path first. Select NVE/IPC which you want to change. Click *System*  $\rightarrow$  *Web Update...* at the menu. *Update* button uploads your own webpage to NVE.

退 IPAdminTool Ver2.0.6					
<u>File S</u> etup <u>S</u> ystem <u>M</u> ode					
IP Setup Firmware Upo	date Reboot   Device Info   Refresh		Exit		
Selected Device : IPC1100(192.168.19.90) Display Rack info Stop Refre					
Device NAME	IP Address MAC Address Hostname	Firmware Up time	~		
IPC1100	192.168.19.90 00:13:23:03:13:5A Aging_Test	FW V1.5.609 1 day			
IPC1100	192.168.19.129 00:13:23:03:13:81 Aging_Test	FW V1.5.609 1 day			
IPC1100	192.168.19.48 00:13:23:03:13:30 Aging_Test	FW V1.5.609 1 day			
IPC3100	192 100 01 55 00110100100115107 Arise Test	W V1.5.609 1 day			
NVE1000	19 Webpage Upload & Backup	W V1.5.609 5 days			
IPC1100		W V1.5.609 1 day			
IPC3500	19 Selected Device NVE4000(192.168.15.71)	W V1.5.609 1 day			
NVE1000	19	W V1.5.609 1 day	=		
IPC1100	19 C:\	w V1.5.609 1 day			
IPC1100	19 Web Death Other Washington (University Contraction	W V1.5.609 1 day			
IPC1100	19 Web Root Path /boawww Opload Backup Close	W V1.5.609 1 day			
NVE4000	19 Caution!! It might take more than 30 seconds.	W V1.5.609 5 days			
NVE1000	19 <mark>211001191200 00119120100119122 Aging_rest</mark>	W V1.5.609 5 days			
NVE4000	192.168.13.215 00:13:23:03:0D:D7 Aging_Test	FW V1.5.609 5 days			
IPC1100	192.168.19.140 00:13:23:03:13:8C Aging_Test	FW V1.5.609 1 day			
IPC3500	192.168.21.46 00:13:23:03:15:2E Aging_Test	FW V1.5.609 4 hours			
NVE2000	192.168.20.9 00:13:23:03:14:09	FW V1.5.608 11 hours			
NVE2000	192.168.20.2 00:13:23:03:14:02 Aging_Test	FW V1.5.609 5 days			
NVE4050	192.168.13.214 00:13:23:03:0D:D6 Aging_Test	FW V1.5.609 5 days	~		
Filter	Apply Cnt	: 83			

Figure 15. Updating and backing up web pages

### 8. Firmware Update

Refer to the Guidance for firmware update NVE IPC.pdf in the SDK.

### **Revision history**

Revision	Date	History	
А	2006-08-10	Created.	
В	2006-09-05	Updated Firmware Upgrade	
С	2006-09-27	Web root & Page Update/Backup	
D	2006-11-08	Updated Auto Search Firmware	
Е	2006-12-26	Updated OCX Update, Customized Web Page, Firmware Update and	
		User File Update	
F	2007-01-29	New document format. Reviewed and corrected paragraphs. Added	
		Uploading add-on application.	
G	2007-08-07	Added 8. Updating firmware using Kernel16K472 or later.	
		Revised screenshot and description in according to <i>Kernel16K472</i> .	
Н	2007-11-14 Added 9. Update device with K600 or higher		
Ι	2008-12-01	Added 10. How to update multiple devices	
J	2009-3-26	Deleted section 8.9.10.	
K	2009-05-13	ID/PW information is added	