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Network Control Software Application

Network Control is provided in visual interface, it can help user to monitor and manage the projector(s) status in the local area network.

- 1 Register the projector(s) needs to be controlled.
“ Auto search ” can help you to seek the projector(s) source easily.
After registering in the work group, you can start to control the projector.
- 2 Group the projector(s) into different sections.
You can monitor the status easily by the sort of group name function in the network.
- 3 Monitor the status for each projector.
 - a.You can manage and change the monitoring content by System Parameter Setting.
 - b.The Lamp timer, filter working time or system warning feedback etc. can be known by checking the status for projector(s).
- 4 Control the booked projector(s).
The status can be refreshed and acquired by monitoring functions, you can also operate the function easily by Network Control.

NOTE

To monitor and control the projector(including stand-by mode), the following conditions need to be ready:

- (1) Projector should already be powered on.
- (2) Projector is connected to network.
- (3) LED light of the projector network port shows normal.
(Green light on, Orange twinkle)

* Stand-by mode indicator: Green LED (Power) on the projector's control panel flashes.

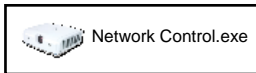
Before Use

Before to Use Network Control Software

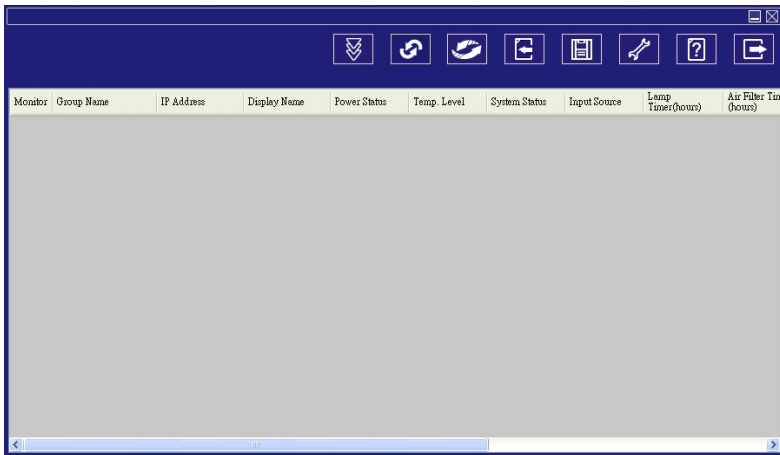
- 1 If the system is Windows 2000, NT 4.0 or XIP, PC should be started up by Administrator.
- 2 Before start the Network Control software, please check as following.
 - (1) In the computer must have Network Control software installed completed.
 - (2) The projector should be powered on and LAN wire is well-connected to projector.
 - (3) Make sure the computer and projector can connect to network. Network Control software needs to arrange in TCP/IP network communication and the network cable.

Open Network Control Software

- 1 Click Network control software icon.




- 2 Monitor window will show as Graph 1 and Table 2.

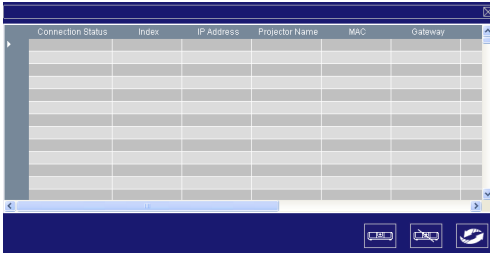


< Graph 1 >

Before Use

Projector Auto Search.

- 1 Click the  (Projector research), located projector will show on the network correctly. (Graph2.)




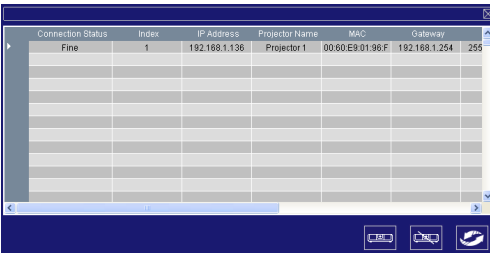
The screenshot shows a window with a table. The table has the following columns: Connection Status, Index, IP Address, Projector Name, MAC, and Gateway. The table is currently empty.

< Graph 2 >

NOTE

When the security warning window appears while Network Control is executing, please select "Unblock" to decontrol area network linking against from System Administer.



- 2 Click , projector which is well-connected with PC will be shown (Graph3)

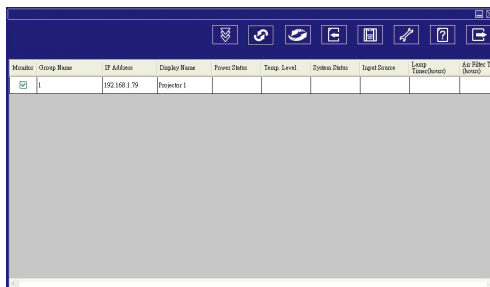


The screenshot shows a window with a table. The table has the following columns: Connection Status, Index, IP Address, Projector Name, MAC, and Gateway. The table contains one row of data.

Connection Status	Index	IP Address	Projector Name	MAC	Gateway
Fine	1	192.168.1.136	Projector 1	00.60.E9.01.96.F	192.168.1.254

< Graph 3 >

- 3 Click , the projector information will show on the monitor window to click  button(cancel register), it will cancel register item then back to register table.



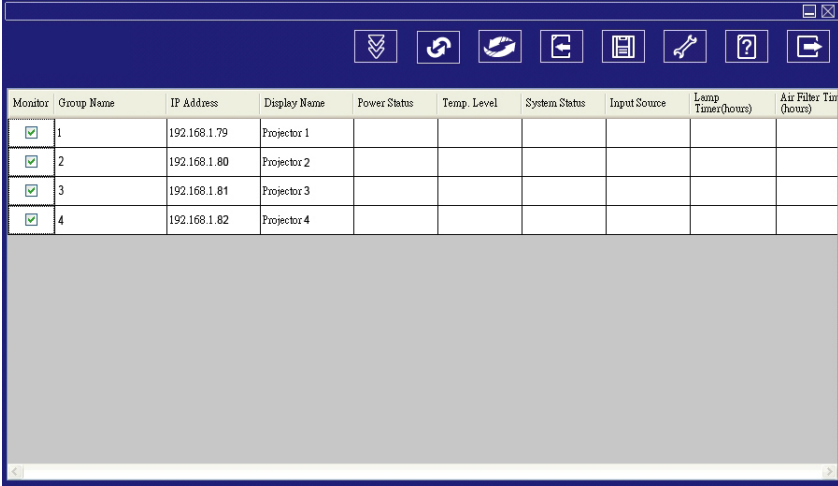
The screenshot shows a window with a table. The table has the following columns: Monitor, Group Name, IP Address, Display Name, Power Status, Temp. Level, System Status, Signal Source, Lamp Time(Hours), and Air Filter Life (Hours). The table contains one row of data.

Monitor	Group Name	IP Address	Display Name	Power Status	Temp. Level	System Status	Signal Source	Lamp Time(Hours)	Air Filter Life (Hours)
<input checked="" type="checkbox"/>	1	192.168.1.79	Projector 1						

< Graph 4-1 > Monitor window.



Projector Auto Search.

- 4 Projector Auto Search can rank group names or display names by clicking the monitor window title. It will help you easily to understand projectors status.



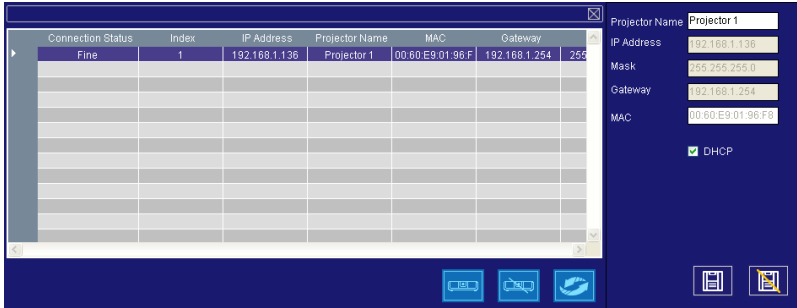
Monitor	Group Name	IP Address	Display Name	Power Status	Temp. Level	System Status	Input Source	Lamp Timer(hours)	Air Filter Tim(hours)
<input checked="" type="checkbox"/>	1	192.168.1.79	Projector 1						
<input checked="" type="checkbox"/>	2	192.168.1.80	Projector 2						
<input checked="" type="checkbox"/>	3	192.168.1.81	Projector 3						
<input checked="" type="checkbox"/>	4	192.168.1.82	Projector 4						

< Graph 4-2 >



- 5 After registering, you can click  button (Data single capture) in the tool bar or click  button(Auto capture) running in this program.

Modify The Projector Setting

- 1 If modifying the registered projector setting is needed, please move your cursor to data table and click the item that you would like to modify, the detail will be shown on the right side table.





< Graph 5 > : Register Table

- 2 After setting, you can save the data by clicking  button or cancel by clicking  button.

Item	Description
Display name	Show the Host name (16 characters at most in ASCII)
IP Address	Show the IP Address
Mask	Show the Mask
Gateway	Show the Gateway
MAC	Show up the MAC code (The default value can not modify)
Monitor	Show up the projector monitor status (The default set in open status)
DHCP	Capture IP address from network sensor automatically.

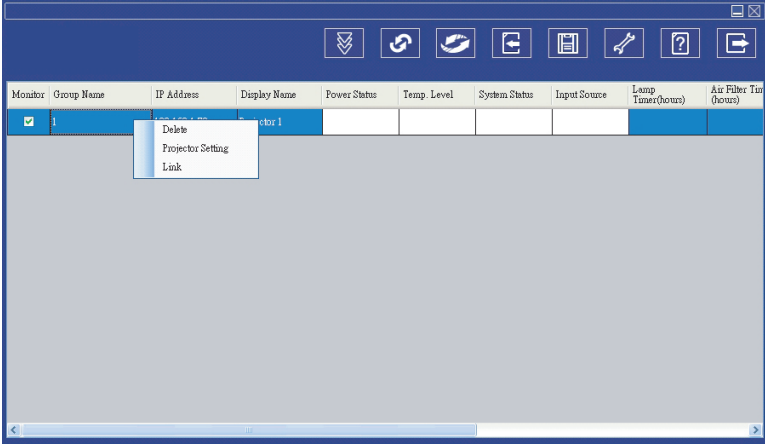
< Table 3 >.: Setting Windows

- 3 After setting, you can save the data by clicking  button or exit by clicking  button.

Registering And Configuring The Projector

Delete

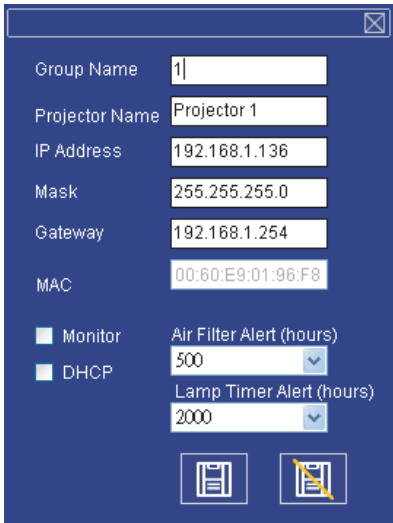
- 1 Select the registered projector in monitor window. Click mouse right key and select “Delete” to erase the registered projector data.



< Graph 7 > : Register table.

Projector Setting


- 1 Select the registered projector in monitor window. Click mouse right key and select “projector setting” to modify the registered projector data. After finishing the setting, you can save by clicking [Save] button or cancel by clicking [Cancel] button.

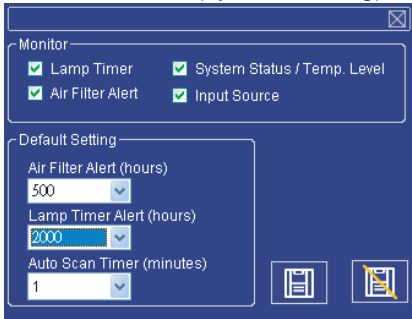


< Graph 8 > :Setting table.

Registering And Configuring The Projector

System Setting

1 Click  button(system setting) to modify system alert setting.(Graph 14.)



< Graph14 > : system setting window Monitor Panel

Item	Description
Lamp timer	Lamp timer from projector.
Air Filter Alert	Air Filter Timer from projector.
System Status /Temp. Level	System Status and Temp. Level from projector in Power On status.
Input Source	Input Source from projector in Power ON status.

Default Setting Panel

Item	Description
Air Filter Alert (Hr.)	Default Setting Includes 300/500/800/1000/1500 Hours. When Air Filter Timer reach alert target, window will show Air filter timer in red color to remind user to replace the Air Filter.
Lamp Timer Alert (Hr.)	Default setting includes 1000/1500/2000 Hours. When Lamp Timer reach alert target, window will show Air filter timer in red color to remind user to replace the Lamp.
Auto Detect Timer (minute)	Auto Detect step. Default setting includes 1/3/5//10 minutes, user can set the optimal default listed in Table 6.

Auto Detect Optimal Setting Table 6

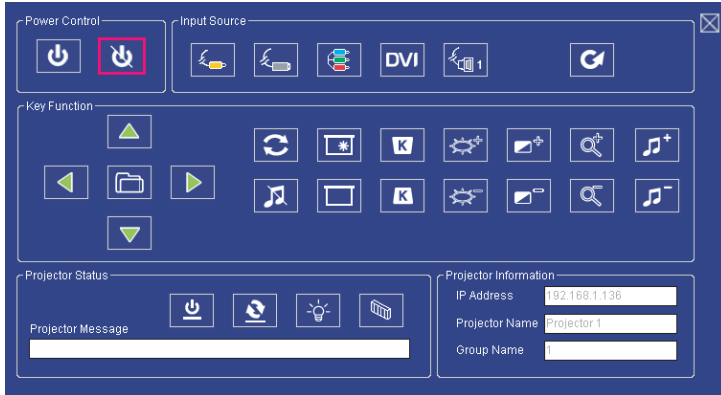
Projector number(Sets)	Timer Step(minutes)
1~25	1 /3/5/10
26~50	3/5/10
51~100	5/10
101~255	10>

* The maximum amount of monitoring projector is 255 .

Registering And Configuring The Projector

Link



- 3 Select the registered projector in monitor window. Click mouse right key and select “ Link ” to show up the control panel table and the projector connected status.









< Graph 11 > : The control panel table

Control Panel Window Introduction















1 Power Control

Icon	Name
	Power on
	Power off

2 Input Source






Icon	Name
	Video
	S-Video
	YPbPr
	DVI-I
	RGB 1
	Change Input Source

3 Function Key





Icons	Description	Icons	Description
	Up		Freeze
	Down		Blank
	Left		Keystone Correction +
	Right		Keystone Correction -
	Menu		Increase Brightness
	Auto Sync		Decrease Brightness
	Mute		Higher Contrast

Control Panel Window Introduction

3 Function Key










Icon	Name
	Lower Contrast
	Zoom In
	Zoom Out
	Volume Up
	Volume Down

4 Projector Status

Icon	Name
	System Status
	Input Source Status
	Lamp Timer
	Air Filter Timer

Control Panel Window Introduction

1 Network Control Window introduction

Icon	Name	Description
	Scan all	Capture the projector information 1 time only.
	Start Auto Scan	According to the system setting, get the projector information automatically.
	Stop Auto Capture	
	Auto Search	Search the projector in the same network to register and modify the setting.
	Open Project File	Open project file which had saved.
	Save Project File	Save the registered projector in this project.
	System Setting	Setting the projector system remind message.
	About	Icon content description.
	Exit	Exit the Network software.