# *Projector Monitoring Software Starter Guide*

Only works with REALiS Series Mark II and Mark II D projectors and Canon LV-Series projectors with a network port.

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## **D** *DISCLAIMER*

1. This is a **EXAMPLE** of how to use the Canon's Projector Monitoring Software.
2. You will need to change the projector's IP address to match your network settings.
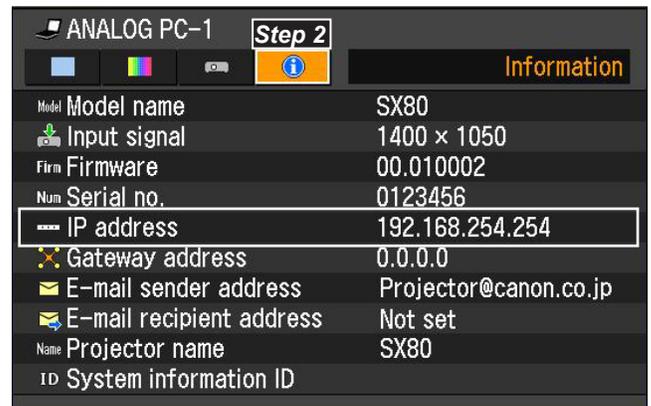3. Please make sure your computer meets the following **System Requirements**.

| *Category* | *Essential Requirements* |
|---|---|
| OPERATING SYSTEM | **Microsoft Windows XP Professional SP2 or later / Microsoft Windows Vista Ultimate** |
| CPU | **Intel Pentium 4 2.4 GHz or better** |
| MEMORY | **1 GB or more** |
| .NET FRAMEWORK | **Windows XP: .NET Framework 2.0 SP1 or more / Windows Vista : .NET Framework 3.0 or more** |
| SUPPORTED LANGUAGES: | **English and Japanese** |
| ACROBAT READER | **7.0 or higher** |

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## **I** *CHANGING THE IP ADDRESS ON REALiS PROJECTORS*

**Step 1**: To find the default IP address of the REALiS projector, PRESS the **Menu** button.

**Step 2**: PRESS the **right-arrow** button and scroll over to the **Information** tab. Here is where you will find the projector's default IP address.

**NOTE: In order to change the projector's IP address, your computer's IP address must be in the same network as the projector.**

**Step 3**: Open up **Internet Explorer** and TYPE in the projector's default **IP Address**.

**Step 4**: The REALiS web page will open up.

TYPE in the following:
User Name: **root** (all lower case)
Password: **system** (all lower case)

**Step 5**: CLICK on the **OK** button.



ANALOG PC–1  Step 2  Information

| | |
|---|---|
| Model name | SX80 |
| Input signal | 1400 × 1050 |
| Firmware | 00.010002 |
| Serial no. | 0123456 |
| IP address | 192.168.254.254 |
| Gateway address | 0.0.0.0 |
| E-mail sender address | Projector@canon.co.jp |
| E-mail recipient address | Not set |
| Projector name | SX80 |
| System information ID | |



Cannot find server - Microsoft Internet Explorer
File   Edit   View   Favorites   Tools   Help
Back — Search — Favorites
Step 3
Address  192.168.254.254



Connect to 192.168.254.254

SECRET_PAGE
Step 4
User name:  root
Password:  ••••••
☑ Remember my password
Step 5   OK   Cancel

**Step 6**: CLICK on the **Settings** button.

| | |
|---|---|
| Projector name | SX80 Mark II |
| Location | |
| MAC address | 00:00:85:98:6F:24 |
| IP address | 192.168.254.254 |
| PowerStatus | System standby |
| LampTimeNormalMode | 210 |
| LampTimeQuietMode | 4 |
| LampTimeConverted | 214 |
| FilterTime | 104 |

Step 6

Projector control          Settings

**Step 7**: CLICK on the **TCP/IP** tab.

**Step 8**: Change the IP Address and Subnet Mask to a **NEW IP Address** within your network.

**Step 9**: CLICK on the **Apply** button to apply and save changes.

SX80 Mark II  SX80 Mark II
TCP/IP

Step 9

Apply    Initialize    **Step 8**

| | |
|---|---|
| IP address | 192.168.254.254 |
| Subnet mask | 255.255.255.0 |
| Default gateway | 0.0.0.0 |

Password
TCP/IP  **Step 7**
Mail
Mail auth
Send test mail
SNMP
Projector info

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# II  *ENABLING SNMP*

**First**: Make sure the IP address on your computer is in the same network as the projector in order to change the projector's IP address.

**Second**: Open up **Internet Explorer** and TYPE in the **NEW IP Address** you have assigned to the REALiS Projector.

**Third**: TYPE in the following:
  User Name: **root** (all lower case)
  Password: **system** (all lower case)

**Fourth**: CLICK on the **OK** button.

| | |
|---|---|
| User name: | root |
| Password: | ●●●●●● |
| | ☑ Remember my password |

OK    Cancel

**Step 1**: CLICK on the **SNMP** tab.

**Step 2**: In the SNMP drop down menu select from V1, V2c, and V3. For this example SELECT **V1**.

**Step 3**: In the Receive community box TYPE in a SNMP name (for example) **public**.

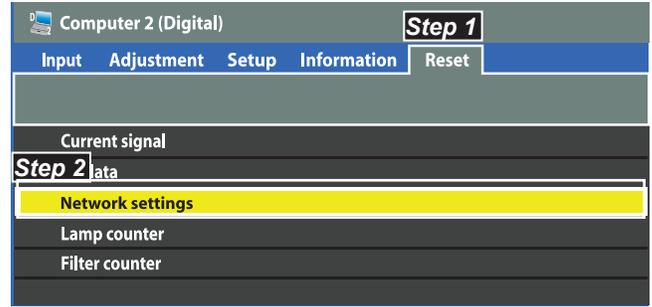**Step 4**: CLICK on the **Apply** button to apply and save changes.

SX80 Mark II  SX80 Mark II
SNMP

Step 4

Apply    Initialize

**Step 2**  SNMP          V1

Password        **Step 3**  Receive community    public
TCP/IP          Password
Mail            Confirm password
Mail auth
Send test mail  SNMP trap
SNMP  **Step 1**    ☐ Cold start      ☐ Warm start      ☐ Authentication failure
                    ☐ Unknown         ☐ Faulty lamp     ☐ Lamp status change
Projector info      ☐ Faulty cooling fan ☐ Temperature abnormality ☐ Faulty power supply
                    ☐ Faulty lamp cover ☐ Filter message
                Trap IP address    0.0.0.0
                Trap community

**Step 1**: To find the default IP address on LV-projector, PRESS the **Menu** button.
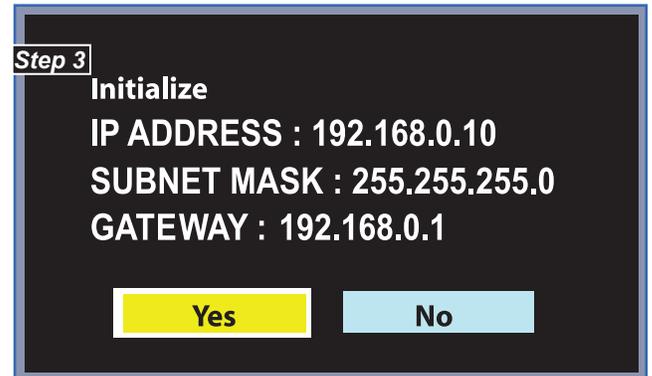
PRESS the **right-arrow** button and scroll over to the **Reset** tab.

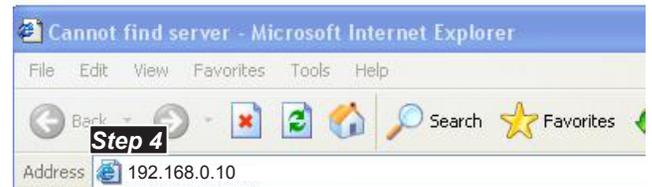**Step 2**: Scroll down and SELECT **Network settings**, then PRESS the **OK** button.

**Step 3**: Here is where you will find the default IP address for the LV-projector.
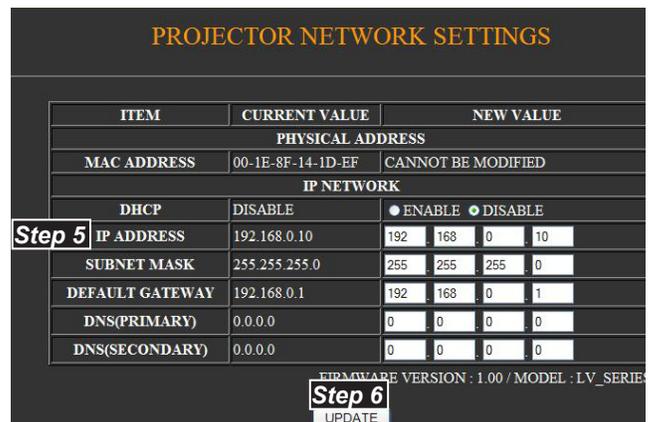
**NOTE**: **In order to change the projector's IP address, your computer's IP address must be in the same network as the projector.**

**Step 4**: Open up **Internet Explorer** and TYPE in the projector's **IP Address**.

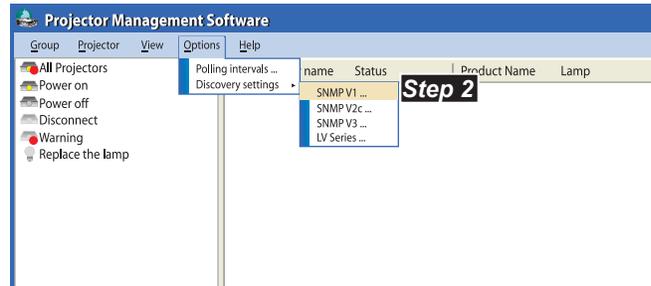**Step 5**: Change the IP Address and Subnet Mask to a **NEW IP Address** within your network.

**Step 6**: CLICK on the **Update** button to save changes.

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*Computer 2 (Digital)* — *Step 1*

Input  Adjustment  Setup  Information  **Reset**

Current signal
*Step 2* ata
**Network settings**
Lamp counter
Filter counter

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*Step 3*

**Initialize**
**IP ADDRESS : 192.168.0.10**
**SUBNET MASK : 255.255.255.0**
**GATEWAY : 192.168.0.1**

**Yes**    **No**

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**Cannot find server - Microsoft Internet Explorer**

File  Edit  View  Favorites  Tools  Help

Back  *Step 4*  Search  Favorites

Address  192.168.0.10

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PROJECTOR NETWORK SETTINGS

| ITEM | CURRENT VALUE | NEW VALUE | | | |
|---|---|---|---|---|---|
| PHYSICAL ADDRESS | | | | | |
| MAC ADDRESS | 00-1E-8F-14-1D-EF | CANNOT BE MODIFIED | | | |
| IP NETWORK | | | | | |
| DHCP | DISABLE | ● ENABLE ○ DISABLE | | | |
| IP ADDRESS | 192.168.0.10 | 192 | 168 | 0 | 10 |
| SUBNET MASK | 255.255.255.0 | 255 | 255 | 255 | 0 |
| DEFAULT GATEWAY | 192.168.0.1 | 192 | 168 | 0 | 1 |
| DNS(PRIMARY) | 0.0.0.0 | 0 | 0 | 0 | 0 |
| DNS(SECONDARY) | 0.0.0.0 | 0 | 0 | 0 | 0 |

*Step 5*

FIRMWARE VERSION : 1.00 / MODEL : LV_SERIES

*Step 6*
UPDATE

**First**: The following is an **EXAMPLE** on how to register and monitor Canon projectors using the Projector Monitoring Software.

Step 1

Projector Monitori...

## REALiS SERIES PROJECTORS

**Step 1**: DOUBLE-CLICK on the **Projector Monitoring Software** icon located on your desktop (*or where ever you saved it*).

**Step 2**: In the menu bar CLICK on the word **Options,** scroll down to **Discovery settings** and SELECT **SNMP V1 ...**

Projector Management Software

Group  Projector  View  Options  Help

All Projectors | Polling intervals ... | name Status | Product Name | Lamp
Power on | Discovery settings ▸ | SNMP V1 ... | Step 2
Power off | | SNMP V2c ...
Disconnect | | SNMP V3 ...
Warning | | LV Series ...
Replace the lamp

**NOTE: You can either register the projectors through a Broadcast address or an IP address range.**

## REGISTER WITH A BROADCAST ADDRESS

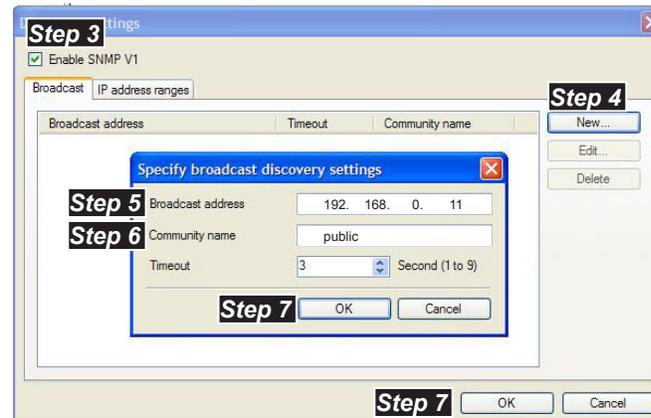**Step 3**: Make sure the **Enable SNMP V1** box is CHECKED.

**Step 4**: In the **Broadcast** tab, CLICK on the **New** button.

**Step 5**: TYPE in the **NEW** REALiS projector's IP address in the **Broadcast address** box. (See Step I-8)

**Step 6**: In the **Community name** box, TYPE in the SNMP name you created. (See Step II-3)

**Step 7**: CLICK on the **OK** button(s) to save settings.

**Register with a Broadcast Address**

Step 3  Enable SNMP V1

Broadcast | IP address ranges

Broadcast address | Timeout | Community name | Step 4 New...
| | | Edit...
| | | Delete

Specify broadcast discovery settings

Step 5  Broadcast address  192. 168. 0. 11
Step 6  Community name  public
Timeout  3  Second (1 to 9)
Step 7  OK  Cancel

Step 7  OK  Cancel

## REGISTER WITH AN IP ADDRESS RANGE

**Step 8**: In the **IP address ranges** tab, CLICK on the **New** button.

**Step 9**: TYPE in the **First** and **Last** IP address that fits into your network.

**Step 10**: In the **Community name** box. TYPE in the SNMP name you created. (Step II-3)

**Step 11**: CLICK on the **OK** button(s) to save setttings.

**Register with a IP Address range**

Discovery settings

Enable SNMP V1

Broadcast | IP address ranges

First address | Last address | Timeout | Community name | Step 8 New...
| | | | Edit...
| | | | Delete

Specify IP address range

Step 9  First address  192. 168. 0. 2
  Last address  192. 168. 0. 255
Step 10  Community name  public
Timeout  3  Second (1 to 9)
Step 11  OK  Cancel

Step 11  OK  Cancel

# V REGISTERING / DISCOVERING LV-SERIES PROJECTORS
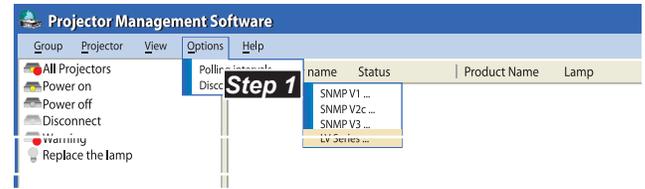
### LV-SERIES PROJECTORS

**Step 1**: CLICK on the **Options tab**, scroll down and to **Discovery settings** and SELECT **LV-Series ...**

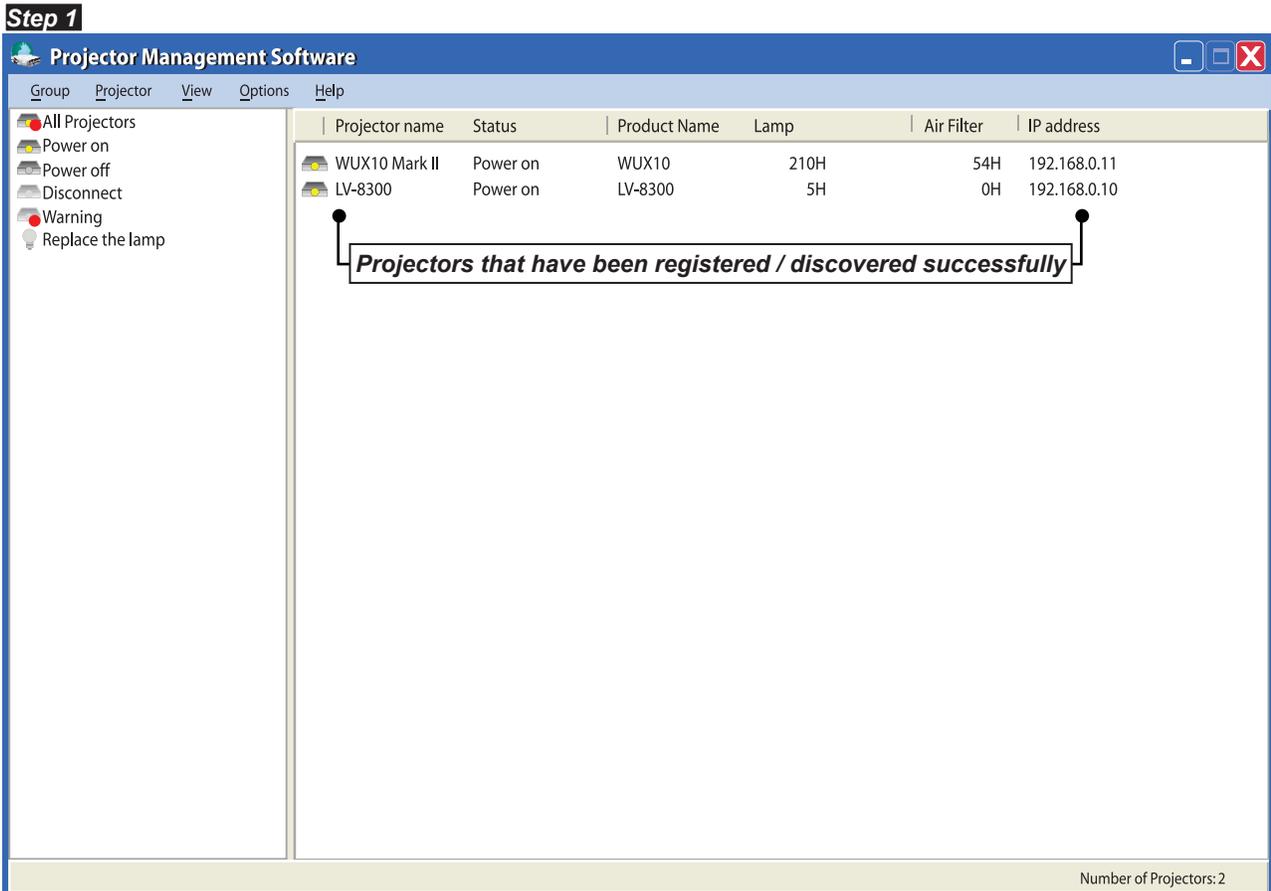**Step 2**: In the **IP address** tab, CLICK on the **New** button.

**Step 3**: TYPE in the previously set IP address of the LV-Projector.

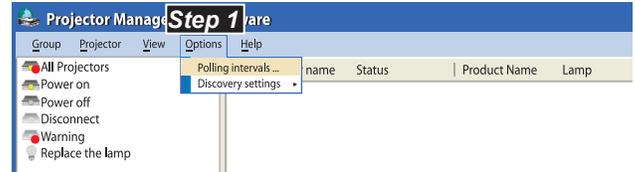**Step 4**: CLICK on the **OK** button(s) to save settings.

# VI VERIFY PROJECTOR REGISTRATION

**Step 1**: Once registration of the projectors are completed, CLICK on the **F5 key** to refresh projector status. Projectors that have been registered correctly will appear.

*Projectors that have been registered / discovered successfully*

**Step 1**: CLICK on the **Options tab**, scroll down and SELECT **Polling intervals**.

**Step 2**: **Polling Intervals** allows the user to **Get projector status** and **Discover projector status** during different time intervals

1. **Get projector status every:** allows the user to SELECT a polling interval for receiving status of the projector.

2. **Discover projectors every** allows the user to SELECT a polling interval for discovering new projectors.

**Step 3**: CLICK on the **OK** button to save settings.