

Multiple Display Administrator User Manual



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Introduction

The Multiple Display Administrator is a software program that enables remote and centralized management of a single or multiple BenQ digital signage displays on a host computer. You can create and edit display groups, view status of displays as well as change display settings. You can also tile multiple displays and create a video wall easily through a step-by-step guided wizard.

The key features of the Multiple Display Administrator include:

- Automatic search for displays on the same Ethernet or RS-232C network
- · Easy and intuitive management of displays and display groups
- Remote access to display settings and operations including power on/off and input source selection
- · Real-time monitoring of display status
- Step-by-step guided video wall setup

System requirements

To install and run Multiple Display Administrator, the computer must meet the following minimum hardware and software requirements.

CPU	Pentium/Athlon I.8GHz
Free memory	512 MB
Hard disk space	100 MB
Connectivity	An available Ethernet RJ-45 port (for Ethernet connection) or RS-232C port (for RS-232C connection)
Operating	Windows XP (32-bit)
system	• Windows Vista (32/64-bit)
	• Windows 7 (32/64-bit)
	• Windows 8
	• Windows 10

Initial Setup

The following operations must be performed before you can use the Multiple Display Administrator to manage your display(s).

Installing Multiple Display Administrator

Ensure that the computer meets the minimum system requirements set forth on page 5.

- I. Locate the setup.exe file and double-click it to begin installation.
- 2. Follow the on-screen instructions to complete the installation.

Connecting display(s) to the computer

The Multiple Display Administrator supports both Ethernet LAN and RS-232C daisy chain connections to your display(s). You can choose one that best suits your display deployment and network environment.



• For details on the location of ports and connectors, and instructions on the OSD settings, please refer to the documentations of the computer and display.

• Do not make LAN and RS-232C connections at the same time.

RJ-45 Ethernet connection

1. As illustrated in the figure below, connect the computer and displays to the Ethernet LAN or WAN network via a hub, switch or router using RJ-45 cables.



- 2. Open the displays' OSD menu and set the following settings:
- Set the Setting > Control Setting option to LAN.
- Set the Setting > Network Setting option to DHCP (if the IP address will be automatically assigned by a DHCP server) or Manual (if the IP address has to be assigned manually). You may need to contact your network administrator for assistance on these settings.



If the **Network** setting is set to **Manual**, the computer and displays must have the same Subnet mask, Default gateway, Primary DNS and Secondary DNS settings.

RS-232C connection

- 1. Connect the RS-232C port on the computer to the RS-232C IN port on the first display using a RS-232C cable.
- 2. Connect the RS-232C OUT port on the first display to the RS-232C IN port of the second display using a RS-232 cable. Repeat this step to connect more displays. The diagram below shows the general connection scheme.



- 3. Open the displays' OSD menu and set the following settings:
- Set the Setting > Control Setting option to RS-232C.
- If you connect the computer to multiple displays, give each display a unique monitor ID using the Setting > Set Monitor ID option.



Be sure to assign a unique monitor ID for each display. The Multiple Display Administrator uses these IDs to identify and communicate with the displays.

Launching Multiple Display Administrator

To launch Multiple Display Administrator, click Windows Start button and select

Programs > MDA > MDA. You can also double-click the MDA icon 🔝 on

Windows Desktop to launch the program.

The default password is **0000.** If you change the default password, a dialog prompting you to enter ID and password will appear. Enter the new password and click **OK**. The dialog will not appear if the default password has not been changed. Multiple Display

Administrator home screen will appear if you are successfully logged in.

LOGIN		×
ID:	administrator	
Password:	I	
	OK Cancel	



You can change the ID and password in the **Security** menu. Refer to Changing login ID and password on page 28 for more information.

Overview of components and functions

The Multiple Display Administrator home screen mainly consists of the following components:

- 1. Toolbar: provides functions for connection and security settings.
- 2. **Monitor list panel**: lists displays that are connected to the computer and found on the network.
- 3. **Control panel**: provides controls and settings for the display (and display groups) selected on the Monitor list panel.
- 4. Notification area: shows notifications and results of command execution.

Display	Projector	PJLink Projector				
Search	setting	Re-connection	C Refresh	Security	? About	вепо
Monitors	(2)	Information	🛠 Control	₩AV	Schedule	🗗 Display Wall 🛛 🔒 Alarm
Single	\smile	Display			Status	
		Model Name	ST	550K	Power	On
192.168.1.167 192.168.1.113 192.168.1.115		Serial Number	SGD7F0	0008002G	Video Source	Android
		Scaler Firmware Ver	sion 2.0.2	_ww	Signal Status	Signal Stable
2x2 [1] 192. 168. [2] 192. 168.		IP Configuration Ren	note Control		Mute	Off
[3] 192. 168. [4] 192. 168.	1.114	⊙ DHCP		Static	Picture Mode	N/A
		MAC Address	B0-C5-0	CA-70-00-10	Aspect Ratio	N/A
		IP Address	192 . 16	3 . 1 . 104	Ambint Sensor Value	e N/A
		Subnet Mask	255 . 25	5 . 255 . 0	Diagnosis	
		Default Gateway	192 . 16	3.1.1	Power	On
					Operation Time	N/A
					Temperature	

Toolbar

Search	Searches displays that are connected to the network and adds them to the Monitor list panel.
کې Setting	Sets the connection mode between the computer and displays to Network or Serial (RS-232C).
Re-connection	Allows you to manually re-connect to the display or display group selected on the Monitor list panel.

	Refreshes the information and setting values on the Control panel (Information, Control, AV, Schedule, Display Wall and Alarm tabs).
Refresh	If the displays are connected via RS-232C connection, it may take some time to refresh information on the tabs due to the connection speed. Please wait until the information on the tabs is completely refreshed before performing any further operations.
Security	Allows you to change the user ID and password that are required for logging in to the Multiple Display Administrator.
? About	Changes the program's user interface language, shows software version and opens the online Help.

Monitor list panel

Ethernet connection	RS-232C connection	The Monitor list panel lists displays that are
Monitors	Monitors	currently connected to the computer and found
□-□ Single ■ 192.168.1.153 ■ 192.168.1.171	All Monitors	on the network.
192.168.1.104 192.168.1.167	H Monitor(11 ~ 20) H Monitor(21 ~ 30)	 Displays found on the network will be listed
192.168.1.113 192.168.1.115 192.168.1.114	Monitor(31 ~ 40) Monitor(41 ~ 50) Monitor(51 ~ 60)	under the Single node.
Group	H Monitor(51 ~ 60) H Monitor(61 ~ 70) H Monitor(71 ~ 80)	• Display groups will be listed under the Group
[1] 192. 168. 1. 167 [2] 192. 168. 1. 115	H Monitor(81 ~ 90) H Monitor(91 ~ 98)	node. You can create and edit display groups
[3] 192. 168. 1. 114 [4] 192. 168. 1. 113	Group	for management purposes. For example, if you
	Group 2 Group 3	select a display group and change settings on
		the Control panel, the command will be sent to
		all displays in the same display group.

Control panel

() Information	Shows information, current status and settings of the display or display group selected on the Monitor list panel. See Information tab on page 15 for details.
* Control	Provides controls for display's power, volume, and other settings. See Control tab on page 18 for details.
* AV	Provides controls for display's audio and video settings. See AV tab on page 19 for details.
Schedule	Allows you to set different scheduled time intervals to automatically turn on/off the display. See Schedule tab on page 20 for details.
	Creates and adjusts a large screen matrix (display wall) for multiple displays. See Additional operations on page 28 for details.
Alarm	Configures email settings so that the Multiple Display Administrator can send temperature warning and status report messages via email. See Alarm tab on page 27 for details.

Managing displays

Searching for displays

After you finish connecting display(s) to the computer, what you need to do next is to let the Multiple Display Administrator search for the displays and add them to the Monitor list panel.

Serial (RS-232C) connection

1. Click **Search** on the Toolbar. A dialog will appear asking you to specify the Communication Protocol.

		×
Communication Pro	tocol Serial]
Serial Setting		
Port		\sim
Baud rate	9600	~ ?
Data	8 bits	~
Parity	none	~
Stop	1 bit	\sim
Flow Control	none	\sim
ок		Cancel

- 2. Select **Serial**, and continue to select the Baud rate, Data, Parity, Stop, and Flow Control.
- 3. Click **OK**. The Multiple Display Administrator will start searching for displays on the RS-232C network, and will list the displays found on the Monitor list panel when finished.

Iodel Name	Baud rate	RS232 Cable
L420/IL460	9600	Crossover
9H460/PL460	9600	Crossover
H550/PL550	9600	Crossover
R552/RP840G	9600	Direct
P550+/RP650+	9600	Crossover
RP551+/RP651+	9600	Crossover
SL420/SL460	9600	Crossover

Ethernet (LAN) connection

- 1. Click **Setting** on the Toolbar. A dialog will appear asking you to specify the Communication Protocol.
- 2. Select **Network**, and click **OK**. The dialog below will follow.

		×	
Communication Prot	tocol		
 Network 	Serial		
Serial Setting			
Port		\sim	
Baud rate	9600	~ ?	
Data	8 bits	\sim	
Parity	none	\sim	
Stop	1 bit	\sim	
Flow Control	none	\sim	
ок		Cancel	
		×	
Search Network	k Display		
 Search Netv 	vork for all Displays		
🔾 Search Netv	vork With Display IP Addre	55	
Status			
Search	Clos	•	

- 3. Click to select a suitable option:
- If you want the Multiple Display Administrator to search for all displays on the same network, select **Search Network for all Displays**.
- If you only want to search for a display with a specific IP address, click Search Network With Display IP Address, and then enter the IP address of the display.
- 4. Click **Search**. The Multiple Display Administrator will start searching for displays on the network, and the progress will be indicated in the **Status** area.
- 5. Click **Close** when the search is complete. The display(s) found will be listed on the Monitor list panel.

Managing displays on the Monitor list panel

After displays are searched and added to the Monitor list panel, you can perform various operations to manage the displays.

The connection status of displays on the Monitor list panel is indicated by the icons below:



- the display is connected (online).
- In the display is not connected (offline). You can click **Re-connection** on the Toolbar to re-connect to the display.

Tagging a display

If displays are connected to the computer via Ethernet connection, they are named after their IP addresses on the Monitor list panel by default. You can give these displays different names (tags) for easier identification. 1. On the Monitor list panel, right-click on the display you want to add a tag, and select **Add Tag**.



2. Enter the tag name in the dialog that follows, and click Set.

	×
New Tag	
Set	Cancel

3. The tag you just added will appear in parentheses in front of the display's IP address.

Creating a group

You can create display groups for management purposes. For example, if you select a group and change settings on the Control panel, the command will be sent to all displays in the same group.

1. On the Monitor list panel, right-click on the Group node, and select Make Group.



2. Enter the group name in the dialog that follows, and click **OK**.



3. A new group will be created under the Group node.

🛨 🔤 Mo	nitor(91 ~ 98)
🗄 🚟 Group	
÷÷÷ My	Group

Deleting a group

1. On the Monitor list panel, right-click on the display group you want to delete, and select **Delete**.



2. The selected group will be deleted.

Adding displays to an existing group

1. On the Monitor list panel, right-click on a display you want to add to a display group and select **Add to Group**.



2. In the dialog that appears, select the group to which the display will be added, and then click **Select**.



3. The display will be added to the group you selected.





You can also drag a display and drop it to a group.

Deleting a display from a group

1. On the Monitor list panel, right-click on a display you want to delete from a display group and select **Delete**.



2. The selected display will be deleted from the group.

Deleting a display from the Monitor list panel

1. On the Monitor list panel, right-click on the display you want to delete under the **Single** node and select **Delete**.



2. The selected display will be deleted.



If a display is deleted under the **Single** node, it will also be deleted from the group to which it belongs.

Setting display ID automatically

If displays are connected to the computer via Ethernet connection, you can use this function to set IDs for the displays automatically.

1. On the Monitor list panel, right-click on the Single node and select Auto Set ID.



2. The IDs of the displays will be assigned automatically.

Saving and loading display configuration files

With this function, you can save display settings on the Control panel as a configuration file (*.ini file) for backup purpose, and load the file when you want to restore these settings.

1. On the Monitor list panel, right-click on a display and select Save Configure.



2. Specify the location where the file will be saved, and then click Save.

To load a configuration file, right-click on a display on the Monitor list panel and select **Load Configure**.

Setting up display configurations

You can use the settings and options on the Control panel to remotely set up various settings for a selected display or display group on the Monitor list panel.



Some controls and settings on the Control panel may not be available depending on your display model. A warning message will appear in the Notification area on the lower left corner of the program window if an unsupported control or setting is selected.

Information tab

The following information will be provided on the Information tab when a display is selected on the Monitor list panel.

Information	🔆 Control	₩AV	Schedule	🗗 Display Wall 🛛 🔓 Alarm
Display			Status	
Model Name	ST	550K	Power	On
Serial Number	SGD7F	0008002G	Video Source	Android
Scaler Firmware Ve	rsion 2.0.	2_WW	Signal Status	Signal Stable
IP Configuration Re	mote Control		Mute	Off
🖲 DHCP		Static	Picture Mode	N/A
MAC Address	BO-C5-	CA-70-00-10	Aspect Ratio	N/A
IP Address	192 . 16	8 . 11 . 89	Ambient Light Senso	r N/A
Subnet Mask	255 . 25	5 . 255 . 0	Diagnosis	
Default Gateway	192 , 16	8 . 11 . 254	Power	On
			Operation Time	N/A
			Temperature	

ltem		Description
	Model name	Model name of the display.
Display	Serial number	Serial number of the display.
Display	Scaler Firmware Version	Software (firmware) version of the display.
IP	DHCP/Static	IP assignment method of current Ethernet connection.
Configuration	MAC Address	
Remote	IP Address	Network properties of current Ethernet
Control	Subnet Mask	connection.
	Default Gateway	

	Power	Current power on/off status of the display.
	Video Source	Video input source being used by the display.
	Signal Status	Current input signal strength of the display.
Status	Mute	Audio mute on/off status of the display.
Status	Picture Mode	Current picture mode setting of the display.
	Aspect Ratio	Current aspect ratio setting of the display.
	Ambient Light Sensor	Current on/off status of the display's ambient light sensor.
Diagnosis	Power	The diagnosis result for the display's power status.
	Operation Time	The display's total elapsed power on time.
	Temperature	The temperature inside the display.

The following information of each display will be provided on the Information tab when a display group is selected on the Monitor list panel.

Information	X Control	₩AV	Schedule	B Disp	layWall 👩 i	Narm
Status	IP Address	Tag	Power	Input	Temp	
Marka On-Line	10.82.27.80		On	VGA	32 degrees[C]	
叫 On-Line	10.82.27.58		On	VGA	36 degrees[C]	
	-					
					+	

Group with Ethernet connection

Information	💥 Control	₩AV	Schedule	Displ	lay Wali 🛛 🔓 Alarm
Status	Set ID	Tag	Power	Input	Temp
Dpen Open	1	Monitor 1	On	DVI	35 degrees[C]
Dpen Open	2	Monitor 2	On	DVI	36 degrees[C]
Open Open	3	Monitor 3	On	DVI	34 degrees[C]
Open Open	4	Monitor 4	On	DVI	35 degrees[C]

Group with RS232 Connection

ltem	Description
Status	The connection status of each display.
IP Address (Ethernet connection only)	The IP address of each display.
Set ID (RS232 connection only)	The Set ID of each display.
Tag	The tag (name) given to each display.
Power	The power on/off status of each display.
Input	The input source current being used by each display.
Temp	The temperature inside each display.

Control tab

The Control tab consists of controls for basic display operations.

i) Information 💥 Control	₩ AV	Schedule	🖥 Display Wali	🔒 Alarm
Power On Off		-Aspect Ra	utio ~	
Video Source Android ~		Image Ret	ention	
Volume	+	Power Sav	ve V	
Off V		Ambient L	ight Sensor	
OSD Info Box		OSD Rote	ation	
IR Button Control		Over Scar	۱ ۷	
Language English ~		All Reset	t	

ltem	Description
Power	Tab on or off to turn on/off the power of the display or puts the display to standby mode.
Video Source	Selects a video input source.
Volume	Adjusts audio volume.
Mute	Mutes or unmutes audio output.
OSD Info Box	Enables (shows) or disables (hides) the on-screen information box.
IR Button Control	Turns on or off the remote control lock and key lock functions.
Language	Changes the language of the OSD menu.
Aspect Ratio	Selects an image aspect ratio for the display.
Image Retention	Turns on or off the image retention prevention function.
Power Save	Changes the setting of the power save function.
Ambient Light Sensor	Turns on or off the ambient light sensor of the display.
OSD Rotation	Changes the orientation of the OSD menu.
Over Scan	Changes the setting of the overscan function.
All Reset	Resets all settings on the Control tab.

AV tab

The AV tab contains controls for picture quality and sound settings.

1 Information 🔆 Control	* AV	🛇 Schedule 🗦 Display Wall 🔓 Alarm
Picture Mode	~	Color Temp
BackLight	+	- Auto Adjustment Execute Execute
Contrast	+	Speaker
Brightness	+	Balance Center +
Chroma 0 -	+	Sound Mode
Sharpness	+	Treble + + +
		Bass +

ltem	Description
Picture Mode	Selects a preset picture mode.
Backlight	Adjusts the backlight intensity of the screen.
Contrast	Adjusts the image contrast.
Brightness	Adjusts the image brightness.
Chroma	Adjusts the color intensity of the image.
Sharpness	Adjusts the image sharpness.
Color Temp	Adjusts the color temperature.
Auto Adjustment Execute	Click the Execute button to trigger the auto adjustment function for VGA signal.
Speaker	Selects the destination or device for audio output.
Balance	Adjusts the balance of volume between the left and right speakers.
Sound Mode	Selects a preset sound mode for audio output.
Treble	Adjusts the audio treble.
Bass	Adjusts the audio bass.

Schedule tab

The Schedule tab provides controls by which you can set the display(s) to turn on or off (enter standby mode) automatically.

013	Month Aug.	Day 2	HR MIN		Set	Set by PC Time
<u>лы</u>	Aug.	2	10 : 1	i Prini	.Set	Set by PC Tune
	chedule Setting					_
lepea	at 🔲 Every De	y 🗹 Mon. 🗖	Tue. 🗖 Wed.	🗆 Thu. 🗖 Fri.	Set.	🗖 Sun
	HR	MIN				
7.0-	Time 7	: 0 AM		Select Video Soi	Default	5
, on	Thue I'	: 🔍 💌 Am		Select Video Sol	arce lastroat	-
7 Off	f Time 13 🔹	: 0 🔺 PM		No.	7 💌	Set
7 Off	f Time 13 ×	: 0 × PM		No.	7 💌	Set
7 Off	f Time 13 ×	: 0 × PM		No.	7 💌	Set
	f Time 13 ×			No.	7 💌	Set
	f Time Schedule		Input	No.	7 💌	Set
n/Of No. [1]	f Time Schedule Repeat Mon.	Info On Time 03 : 00	Input Default	Off Time 14 : 00	Status Enable	
n/Of No. [1] [2]	f Time Schedule Repeat Mon. Mon.	Info On Time 03 : 00 03 : 00	Default Default	Off Time 14:00 13:00	Status Enable Enable	
n/Of No. [1] [2]	f Time Schedule Repeat Mon. Mon.	Info On Time 03 : 00 03 : 00 05 : 00	Default Default Default	Off Time 14:00 13:00 15:00	Status Enable Enable Enable	
n/Of No. [1] [2]	f Time Schedule Repeat Mon. Mon. Mon.	Info On Time 03 : 00 05 : 00 05 : 00 03 : 00	Default Default Default Default	Off Time 14:00 13:00 15:00 13:00	Status Enable Enable Enable Enable	2 2 2 2
n/Of No. [1] [2]	f Time Schedule Repeat Mon. Mon. Mon. Mon.	Info On Time 03:00 03:00 05:00 05:00 06:00	Default Default Default Default Default	Off Time 14:00 13:00 15:00 13:00 13:00	Status Enable Enable Enable Enable Enable	2 2 2 2 3
n/Of No. [1] [2]	f Time Schedule Repeat Mon. Mon. Mon. Mon. Mon.	Info 03:00 05:00 05:00 03:00 06:00 08:00	Default Default Default Default Default Default	Off Time 14:00 13:00 15:00 13:00 13:00 13:00	Status Enable Enable Enable Enable Enable Enable	8 8 9 8 8 8
n/Of No. [1]	f Time Schedule Repeat Mon. Mon. Mon. Mon.	Info On Time 03:00 03:00 05:00 05:00 06:00	Default Default Default Default Default	Off Time 14:00 13:00 15:00 13:00 13:00	Status Enable Enable Enable Enable Enable	8 8 9 8 8 8
n/Of No. [1] [2]	f Time Schedule Repeat Mon. Mon. Mon. Mon. Mon.	Info 03:00 05:00 05:00 03:00 06:00 08:00	Default Default Default Default Default Default	Off Time 14:00 13:00 15:00 13:00 13:00 13:00	Status Enable Enable Enable Enable Enable Enable	8 8 9 8 8 8
n/Of No. [1]	f Time Schedule Repeat Mon. Mon. Mon. Mon. Mon.	Info 03:00 05:00 05:00 03:00 06:00 08:00	Default Default Default Default Default Default	Off Time 14:00 13:00 15:00 13:00 13:00 13:00	Status Enable Enable Enable Enable Enable Enable	8 8 9 8 8 8

ltem	Description				
Clock	Allows you to set up current time manually. You can also click Set by PC Time to set the display to use the current time on the computer.				
	Allows you to specify on and off time schedules.				
	 Set a repeat mode by checking a Repeat checkbox. (Every Day, Mon., Tue, etc.) 				
	2. Set On Time (the time when the display will be turned on) and Off Time (the time when the display will be turned off).				
Time Schedule Setting	 Select an input source that will be used when the display is turned on from the Select Video Source drop-down list. 				
	4. Specify the number of the schedule in the No. drop-down list.				
	 Click the Set button to complete schedule settings. The on/off time schedule will appear in the On/Off Time Schedule Info area below. 				
	Allows you to check and delete on/off time schedules.				
On/Off Time Schedule	• To enable or disable a time schedule, select a schedule and then click Enable/Disable .				
Info	 To delete a time schedule, select a schedule you want to delete, and then click Delete. 				
	• To delete all time schedules, click Delete All .				

Display Wall tab

Creating a display wall

You can follow the step-by-step instructions on the Display Wall tab to create a display wall that consists of multiple displays.

- Create a display group, and add displays that will be used to create the video wall to the group. Refer to Managing displays on the Monitor list panel on page 11 for how to create a display group and add displays to a group.
- Click to select the display group you created in step 1, and then click Create Tile Mode on the Display Wall tab.



3. Specify the number of displays on the horizontal side (**H. Monitors**) and vertical side (**V. Monitors**) and then click **Next**.



• You can create a display wall that consists of up to 10×10 displays.

 The number of displays in a display wall matrix should not exceed that in the display group with which you use to create a display wall. Otherwise the Next button will be grayed out.

4. Select the position of each display in the display wall by selecting the monitor ID (as shown in the Monitor list panel) of the display in each screen grid. Each screen grid must have an unique monitor ID. Click Next to continue.



5. Select a video input source for the display.

Scenario I: when a single input source is used for all displays

Select a video input source from the **Video Source** drop-down list, then click to select all screen grids below. Click **Next** to continue.



Scenario 2: when multiple input sources are used for different groups of displays

The example below shows how to set up 3 different groups of displays that use 3 different input sources (VGA, AV and HDMI) in the same display wall.

a. Select **VGA** from the **Video Source** drop-down list, then click to select the screen grids (displays) that will use the VGA input. This is display group I that uses the VGA input. Click **Next** to continue.



b. Select **AV** from the **Video Source** drop-down list, then click to select the screen grids (displays) that will use the AV input. This is display group 2 that uses the AV input. Click **Next** to continue.



c. Select **HDMI** from the **Video Source** drop-down list, then click to select the screen grids (displays) that will use the HDMI input. This is display group 3 that uses the HDMI input. Click **Next** to continue.



Ø

You can follow similar steps to specify different combinations of input sources and displays.

6. You have the option to switch the position of each display in the display wall by selecting a different horizontal or vertical position. Select a new position for the display(s) using the horizontal position and vertical position boxes if necessary. Click **Next** to continue.





If the display wall contains multiple display groups that use different input sources, you can only change either the horizontal position or vertical position (the horizontal position or vertical position box will be grayed out), depending on the arrangement of displays.

7. An overview of the display wall setup will follow. Check the setup and if it is OK, click **Finish** to complete display wall settings.



Modifying display wall settings

You can modify display wall settings of each display separately.

- I. Click to select a display of a display wall group on the Monitor list panel.
- 2. Click Adjust Tile Mode on the Display Wall tab.



3. Modify the settings as necessary.

1 Information	🔆 Control	₩AV	🚫 Schedule	DisplayWall	Alarm
H Monitor	s]	Power On De	lay 🔽	
V Monitor	s 🗾]	Power Indicat	or LED	
H Position	×]	Frame Compu	ting	
V Position	×]			
	Position Reset				
				Back	

ltem	Description					
H. Monitors	Specifies the number of displays on the horizontal side.					
V. Monitors	Specifies the number of displays on the vertical side.					
H. Position	Specifies the position of the display on the horizontal side.					
V. Position	Specifies the position of the display on the vertical side.					
Monitors/Position Reset	Clicks the Set button to reset the display's display wall settings, including H. Monitors, V. Monitors, H. Position and V. Position settings.					
Power On Delay	Enables (On) or disables (Off) the power on delay function. Once enabled, when all displays in a display group are turned on at the same time using the Power function on the Control tab, this feature automatically sets each display to power on at a slight time difference to avoid sudden rise of power consumption.					
Power Indicator LED	Turns on or off the power indicator LED on the display.					
Frame Computing	Turns on or off the frame computing function of the display that automatically adjust the image to compensate for the width of the monitor bezels in order to accurately display the image.					

4. Click **Back** to save settings and return to the Display Wall tab.

Alarm tab

The Alarm tab contains email settings that allow the Multiple Display Administrator to send email messages to specified recipients when the internal temperature of the display is too high, or when you have activated the status report function.

1) Information	💥 Control	i κ αν	Schedule	🖥 Display Wall	🗟 Alarm
Email Setting					
To:					
Cc:					
From:					
SMTP Setting					
SMTP Server:					
User Name:					
Password:					
Status Report					
Day of Week:	(~			
Time:	0 : 0				Set
Advance					
Note: After set en	nail and SMTP, these t	functions can oper			
Test Email			Alarm Temp	erature 0 🗸	Set

ltem		Description			
Email	To:				
Setting	CC:	Specifies the recipients and sender of the email.			
occurig	From:				
	SMTP Server				
	User Name	Specifies the SMTP settings.			
	Password				
SMTP Setting	Status Report	Checks this checkbox to let the Multiple Display Administrator send a status report of the display(s) via email at a specific time.			
	Day of Week	Specifies the time at which the status report will			
	Time	be sent.			
	Set button	Clicks this button to save settings.			
	Test Email button	Clicks this button to send a test email when the setting is completed.			
Advance	Alarm temperature	Specifies the temperature limit. If the display's internal temperature exceeds this limit, a warning email message will be sent.			
	Set button	Clicks this button to save settings.			

Additional operations

Changing login ID and password

You can change the ID and password that are used to log in to the Multiple Display Administrator.



The ID and password can be changed, however, you cannot create multiple ID and password combinations.

I. Click **Security** on the Toolbar. The following dialog will appear.

		~
Current ID _I	Password	
ID:	administrator	
Password:		
		Confirm
New ID _Pass	word	
New ID _Pass ID:	administrator	Change
		Change
ID:	administrator	

- Enter current ID and password in the ID and Password fields, and then click Confirm. If the ID and password are verified successfully, you can continue to the next step.
- 3. Enter the new ID and password in the **ID**, **Password** and **Verify** fields below, and then click **Change**.
- 4. If you change the default password **0000**, a reminder dialog will appear whenever

you log in. The dialog will not appear if the default password has not been changed.





The ID and password are case-sensitive. You can use alphanumeric and special characters such as !,@,#,\$,&,\$,-,=,+,? for the ID and password.

Changing language

You can change the user interface language of the Multiple Display Administrator whenever necessary.

To change language, click **About** on the Toolbar and select a preferred language.



Exporting Displays

You can follow the step-by-step instructions below to export displays.

I. Click **Search** on the Toolbar to search devices.

BenQ Multiple Display Administrator						- ×
Display Projector PjLir	nk Projector					
Search Setting	Re-connection	C Refresh	Security	? About		Benq
Monitors	() Information	* Control	₩AV	() Schedule	🖥 Display Wall	🔒 Alarm
□ □ Single ⊞ Group	Display			Status		
	Model Name		N/A	Power	N/A	
	Serial Number		N/A	Video Source	N/A	
	Monitor SW Version		N/A	Signal Status	N/A	
	IP Configuration Remote	: Control		Volume Mute	N/A	
	• DHCP		⊖ Static	Picture Mode	N/A	
	MAC Address			Aspect	N/A	
	IP Address	0.1	0.0.0	Ambient Light Sensor	N/A	
	Subnet Mask	0 . 1	0.0.0	Diagnosis		
	Default Gateway	0 . 1	0 . 0 . 0	Power	N/A	
				Operation Hours	N/A	
				Temperature (inside)	N/A	
					N/A	

2. The following dialog will appear. Search the devices in LAN.

Re-connection	C Refresh	Security	? About
() Information	* Control	¥AV	() Schedule
Display Model Name		×	Status Power
Serial Number	Search Network Display Search Network for all 	Displays	Video Source
Monitor SW Vers	O Search Network With D	Display IP Address	Signal Status
IP Configuration R	• •	•	Volume Mute
⊙DHCP	Status		Picture Mode
MAC Address			Aspect
IP Address			Ambient Light Sensor
Subnet Mask	Search	Close	Diagnosis
Default Gateway	0.0	. 0 . 0	Power
			O

enQ Multiple Displa							– X
eng Multiple Displ	ay Administrator						- ^
Display	Projector	PJLink Projector					
Search	Setting	Re-connection	R efresh	Security	? About		Benq
M	onitors	() Information	*Control	*av	() Schedule	Display Wall	🔒 Alarm
Single	J	Display			Status		
		Model Name		N/A	Power	N/A	
		Serial Number		N/A	Video Source	N/A	
		Monitor SW Version		N/A	Signal Status	N/A	
		IP Configuration Remote	Control		Volume Mute	N/A	
		• DHCP		⊖ Static	Picture Mode	N/A	
		MAC Address			Aspect	NVA	
		IP Address	0.0	0.0.0	Ambient Light Sensor	N/A	
		Subnet Mask	0.0	0.0.0	Diagnosis		
		Default Gateway	0.0	0.0.0	Power	N/A	
					Operation Hours	N/A	
					Temperature (inside)	N/A	
						N/A	

3. Right click Single and then select Export Displays List.

4. A dialog showing a export list will appear. Select a BDID.

kport l	, , , , , , , , , , , , , , , , , , ,	ion Refr	resh	Security	About	X Alarm
R	efresh					
-	BDID	Model Name	Select	Beacon	Remark	
1			Z			
			M			
3	QROUGOOQUMURZAOM IEOME	KI033K	DX2	-		
				-		
					Next Cancel	_
	R	BDID 1 NaQ6Mal6QJA6Mjk6QQY6MkU= 2 QA6Q2U6Q0MdNaA6MTE6MEI=	Extremi Model Name 1 NegOil26024054045600Y0NIAU= RP654K 2 Q46Q0400Q0400AkAMIEDMEI= RP653K	EDID Molel Nume Select 1 NrojeNiejoQ0Y6NkU- 2 Rrós4k Z	xport List : Step1 Refmeh BDID Model Name Select Beacon	Extresh BDID Model Name Select Bescon Remark 1 N-QCRLEGQASHJ6CQVF0HNI- RP654K Image: Control of the secon Remark 2 QAGQUDGQMAGRAAGHACQVF0HNI- RP653K Image: Control of the secon Remark 3 QAGQUDGQMAGRAAGHATEGMEI- RP653K Image: Control of the secon Remark

- **Refresh**: Refresh the content of the table
- BDID: BenQ Display ID, a unique ID for the display
- Model Name: The model of the display



- Select: A checkbox to select the display to export to the smart DMS manager
- Beacon: To distinguish which screen it is. After clicking it, the screen will be refreshed.
- Remark: To make a note about which screen it is
- Next: Only when at least one display has been selected will the Next button be enabled.
- Cancel: Back to the original page

Search	Setting Re-con) Inection	Refresh	5ecurity	(?) About	вепс
M	ixport List : Step2	and the second second		- 0	Statement Comments	Alarm
Single	BDID	Model Name		Remark		
- [192.] - [192	McQRAIGQAGMAGQYORNU- QAAGQUGQMAAAAHTEME QAAQqUGQMGN2AAHTEME	RP654K RP653K RP653K				
192.1 192.1 192.1 Group Group	Please make sure that y	ou want to generat	e list with above	Back	Export List Cancel	

5. Select **Export List** to export the file as a CVS file.

6. Save the file and then a dialog showing the file is exported successfully will appear.

ay	Projector	PJLink Proje	ector				×
	\leftarrow \rightarrow \checkmark	个 📕 « Pict	ures > Easy Setting	Ý	ত Search Easy S	etting	× م
arch							
Б	Organize *	New folder				- ·	0
ngle	ConeDriv	e î			Employing Jorda	Conferring (sets)	^
[192.1 [192.1	N: SThis PC					10411 1041	
[192.1	Qia beskto	p	100		Terrapanet 1 Restaurant 1 Restaurant 1 Restaurant 1 Restaurant 1 Restaurant 1 Restaurant 1	Toppond Manhadranese Na	
[192.1 [192.1	Qji Docum	nents		_			
[192.1 [192.1	Downl	oads	01_01_Log-In.pn g	01_1_Add_New_G roup.png	01_02_Log-In.pn g	01_03.png	
[192.1 [192.1	Music		-	712	2	7.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	e III.
[192.1 [192.1	e Picture						1
[192.1 [192.1	E Videos					-	
[192.1	🐛 OS (C:)	~	01_Group.png	MDA_SCAN001.p ng	MDA_SCAN002.p ng	MDA_SCAN003	.p
[192.1 192.1		_	1	ng	ng	ng	
192.1 192.1		name: EasySe				_	~
group	Save a	s type: CVS file	es(*.cvs)				~
	▲ Hide Folder	s			Save	Cancel	- ;
					Temperature (i	nside) N//	
	6NzA6MTE6MEI=	RP653K					
	6NzA6MTE6ME	RP653K					
						x	
						^	
	Export	Successfully.					
				-			
				ок			

Troubleshooting

If you encounter problems while using the Multiple Display Administrator, please refer to the following troubleshooting tips to try to solve the problems by yourself. If the problem persists, please contact BenQ Customer Support for help.

Problem	Solution		
	Check the following:		
Cannot connect to the display(s)	 Check the cable connection. Is the display correctly connected to the computer? Is the display turned on? Is the COM port setting correct? Is the display's network setting correct? 		