HDMI Matrix Switcher

User Manual

Model : HS10M-4K6G

4K60Hz 10 x 10 HDMI Matrix Switcher Built in Audio Extractor

Introduction

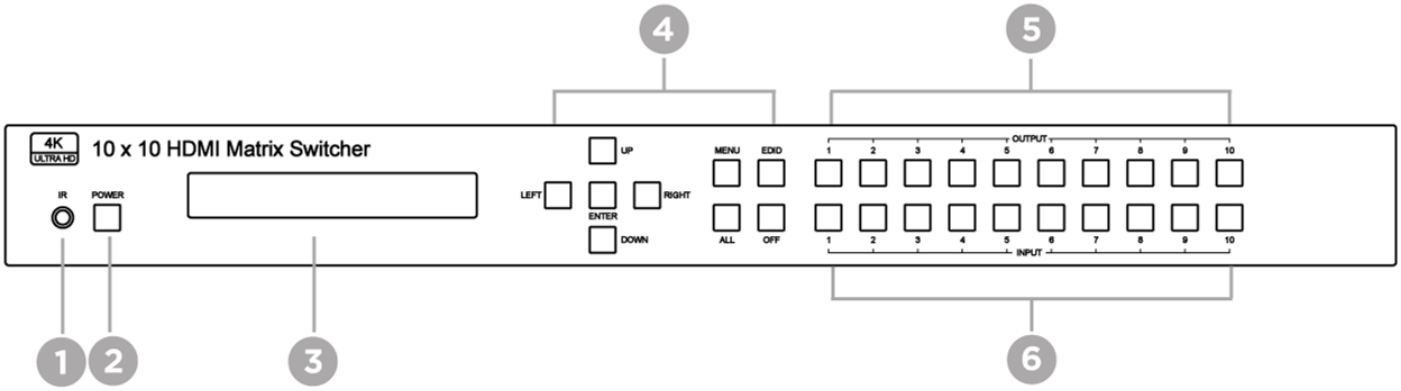
HS10M-4K6G is a 10 input 10 output HDMI matrix switch that can put 10 Hi-res HDMI sources on any of 10 HDMI displays. The HDMI audio extraction function allows you to integrate with your existing premium audio equipment to have superior audiovisual experience. There are multiple options to control and manage the matrix intuitively, including IR remote, RS-232, front panel buttons, Web GUI, Telnet, and Android/ iOS mobile APP.

Features

- Resolution up to 4K@60Hz 4:4:4.
- Supports ARC (Audio Return Channel).
- Supports HDMI audio extraction via S/PDIF coaxial output.
- Supports cable locks on each HDMI input & output ports.
- Built-in LCM panel and LED indications for checking the status of all connected devices.
- Rack mountable (1U standard).
- Managed via RS232, front panel buttons, IR remote, WebGUI, iOS/Android APP.

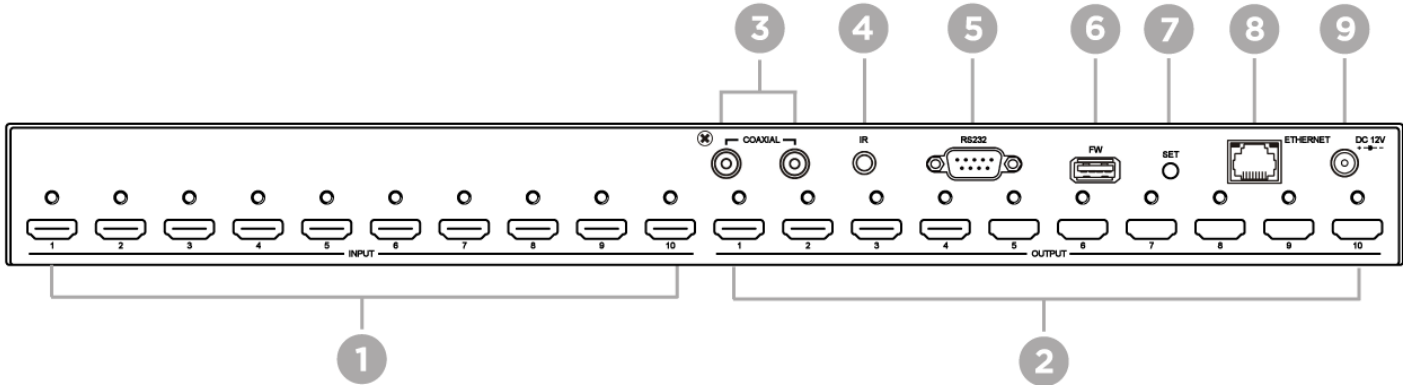
Installation View

Front Panel View



No.	Feature	LED Status	Description
1	IR receiver	N/A	Receiving IR remote signal
2	POWER	Blue ON	Power ON
		Red ON	Standby
3	LCM Display	N/A	Display operating status or Menu.
4	UP Button	N/A	Go up direction in Menu.
	DOWN Button		Go down direction in Menu.
	LEFT Button		Go left direction in Menu.
	RIGHT Button		Go right direction in Menu.
	ENTER Button		Execute selected function
	MENU Button	Blue ON	Press to enter Menu or display current operating status Press and hold 3 seconds to enable/disable KEYLOCK
	SCENE Button		Save/Load scene
	ALL Button		Select all output
	OFF Button		Turn off select output
5	OUTPUT Buttons	Blue ON	Press these buttons to select the desired output Monitor connected
		OFF	No monitor connected
6	INPUT Buttons	Blue ON	Press these buttons to select the desired input Video input detected
		OFF	No video input

Rear Panel View



1	INPUT HDMI	N/A	HDMI input port 1~10
	OUTPUT HDMI	N/A	HDMI output port 1~10
3	SPDIF	N/A	SPDIF audio output port 1~2
4	IR	N/A	External IR receiver
5	CONSOLE	N/A	RS232 command control / Firmware update
6	FW	N/A	Firmware update
7	SET	N/A	
8	RJ45	N/A	WEB control interface
9	DC JACK	N/A	Power input
Notice	* In standby mode, IR remote cannot control matrix but power on matrix only * Please press ENTER to execution any change of menu settings		

Panel Function

Power on Main Screen

```
HDMI 2.0 10X10 MATRIX
Version V1.01
```

After power on, the main screen will show matrix name and version information.
The matrix will back to main screen if no operations in 30 seconds

Channel Switching

```
OUT   1 2 3 4 5 6 7 8 9 10
 IN   1 2 3 4 5 6 7 8 9 10
```

Press OUTPUT 1~10 to select HDMI output (multiple selections) then press INPUT 1~10 (single selection) then press ENTER to execute.

SCENE Button

```
OUTPUT  →  SAVE
INPUT   →  LOAD
```

Press SCENE button then press INPUT 1 ~ 10 to load the pre-stored scenes, or press OUTPUT 1 ~ 10 to save the current channel settings to a total of 10 scenes then press ENTER to execute

ALL Button

```
OUT   1 2 3 4 5 6 7 8 9 10
 IN   1 1 1 1 1 1 1 1 1 1
```

Press ALL button and the number on the second line of IN will flash. Press INPUT 1 ~ 10 to select input port or OFF button to turn off all output then press ENTER to execute.

OFF Button

```
OUT   1 2 3 4 5 6 7 8 9 10
 IN   X X X X X X X X X X
```

Press OUTPUT 1 ~ 10 then press OFF to turn off the selected output, or ALL to turn off all outputs then press ENTER to execute.

Key Lock

```
KEYLOCK!
```

Press MENU button for 10 seconds to enable/disable key lock function.

Main Menu

```
* 1 - SWITCH
  2 - SCENE
```

Press MENU button to enter main menu

Operation

Press UP or DOWN key to move * to select an item for setting and press ENTER key to enter into subpage. When the selected sub-page setting is completed, press the MENU button to return to the main page

LCM Main MENU Function Operations

SWITCH：(Default: 1 2 3 4 5 6 7 8 9 10)

```
OUTPUT   1 2 3 4 5 6 7 8 9 10
 INPUT   1 2 3 4 5 6 7 8 9 10
```

This function is used to switch the input/output port. Enter the SWITCH menu. Press the ENTER key, then the LCM second line INPUT will flash. Press LEFT or RIGHT button to select the output to be modified. Then press UP or down button to select the input port. After that, press ENTER to confirm setting.

SCENE

OUTPUT	→	SAVE
INPUT	→	LOAD

SCENE function provide 10 sets of channel setting to fast reload for different application.

SAVE

```
SAV   1H2H 3 4 5 6 7 8 9 10
#01   3   2   3 4 5 6 7 8 9 10
```

Save current channel setting, press UP or DOWN to select the number and ENTER to save.
It will show input number and status of audio selection.

LOAD

```
LOD   1A2H 3 4 5 6 7 8 9 10
#01   3   1   3 4 5 5 5 5 5 5
```

Reload saved scenes, press UP or DOWN to select the number and ENTER to load.
It will show input number and status of audio selection.
At main screen you could use IR01 remote button B to enter SCENE function, button 1~0 to select port number 1~10 to load.

EDID (Default: LPCM-2CH)

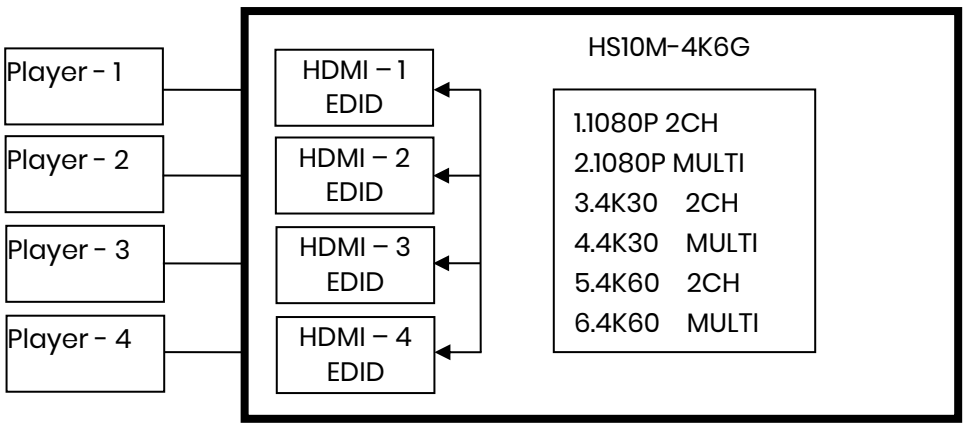
Because the player output display resolution will be based on TV EDID, this Matrix provides two default EDID modes:" BUILD-IN MODE" and "COPY MODE".

```
BUILD-IN MODE
COPY MODE
```

BUILD-IN MODE

This mode supports video resolution up to 4K 60Hz, audio format support LPCM-2CH、LPCM-7.1、AC3、DTS. After enter BUILD-IN MODE menu, press UP or DOWN key to select then press ENTER to confirm setting.

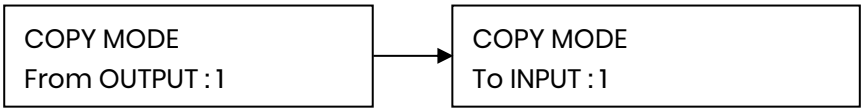
```
1.1080P 2CH
2.1080P MULTI
3.4K30 2CH
4.4K30 MULTI
5.4K60 2CH
6.4K60 MULTI
```

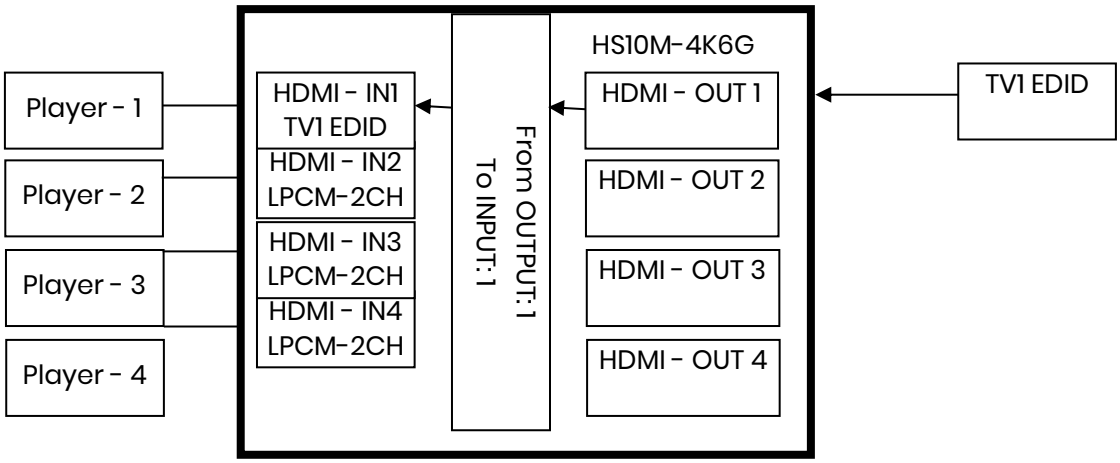


COPY MODE

To fully support the TV resolution and audio mode, the matrix provides “copy mode” to copy TV EDID for input source reference. When use the copy mode, recommend copying the lowest resolution TV EDID. Otherwise it may cause no picture display if the TV resolution is not able to support higher resolution.

After entering COPY MODE menu, press UP or DOWN button to select the OUTPUT (1 to 4) and press ENTER, then press UP or DOWN button to select the INPUT (1 to 4 or ALL) and press ENTER to confirm. If selected output not connected with monitor it will show “NO OUTX HPD” and return to upper menu when press ENTER.



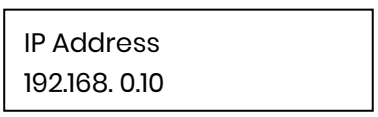


It will show “EDID Write ERROR” if update failed, or “EDID Write OK” if success.

Ethernet

This function can change the network settings of the matrix. Press UP or DOWN key to move * to select an item for setting and press ENTER key to enter into subpage. When the selected sub-page setting is completed, press the MENU button to return to the main page

IP Address: (Default: 192.168.0.10)



This function can be setup MATRIX host intranet ”IP Address”, press the ENTER, the left-most number of second row will flash, then press the UP or DOWN button to change the numbers, , press LEFT or RIGHT to move to another location, the move to a position number will flash, press ENTER to complete the setting.

Subnet Mask: (Default 255.255.255.0)

Subnet Mask 255.255.255.000

This function can be setup MATRIX host intranet “Subnet Mask”, press the ENTER, the left-most number of second row will flash, then press the UP or DOWN button to change the numbers Press the ENTER, , press LEFT or RIGHT to move to another location, the move to a position number will flash, press ENTER to complete the setting.

Gateway: (Default 192.168.0.1)

Gateway 192.168. 0. 1

This function can be setup MATRIX host intranet “Gateway”, press the ENTER, the left-most number of second row will flash, then press the UP or DOWN button to change the numbers Press the ENTER, , press LEFT or RIGHT to move to another location, the move to a position number will flash, press ENTER to complete the setting.

DHCP Client: (Default Disable)

DHCP Client Disable

DHCP Client Enable

When DHCP Clients setup at “Enable”, the MATRIX host will automatically get IP Address, Subnet Mask, Gateway, if setup at “Disable”, the MATRIX Host IP Address need go through “ ETHERNET” menu to set IP Address, Subnet Mask, Gateway, to press the ENTER, the second row will flash, then press the UP or DOWN to select DISABLE, ENABLE, then press ENTER to complete the setting.

Media Type: (Default 100M)

Media Type 100M

Media Type AUTO

Media Type 10M

This function can be setup MATRIX host intranet “Media Type, press the ENTER, the second row will flash, then press the UP or DOWN button to select 10M, 100M, AUTO, press ENTER to complete the setting.

MAC Filter: (Default Disable)

MAC FILTER DISABLE

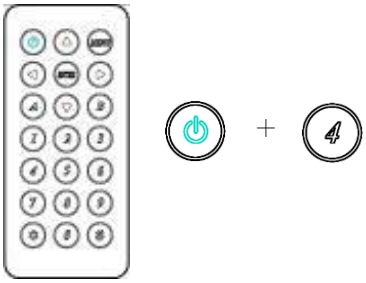
MAC FILTER ENABLE

MAC Filter can be setup with registered MAC Address in order to connect the MATRIX host Web UI, MAC Address required by the Web page to fill in, this function can only be setup at “DISABLE”, “ENABLE”, then to press the ENTER, the second row will flash, then press the UP or DOWN to select DISABLE, ENABLE, then press ENTER to complete the setting.

REMOTE ID：(Default ID 4)

This function must be set to match the Matrix remote control IR01 with the matrix itself. A conflict with other devices remote control is avoided.
After entering REMOTE ID menu, press ENTER, the LCM LINE 1 number will flash. Then Press UP or DOWN button to select the number, and then press ENTER to confirm.
When finish REMOTE ID setting, MATRIX remote control IR01 must also set the same ID
in order to operation in normal.
IR Remote setting: Press and hold the POWER button, then press the number button which can be set from 0 to 9, total 10 groups. These settings on IR01 remote control have to be done the first time you use the IR01 or when you change the batteries.

REMOTE ID 4



AUDIO SELECT: (Default H)

This function can set the output of SPDIF to HDMI (H) or ARC (A).

OUTPUT	1 2
AUDIO	H H

SYSTEM INFO

Display HS10M-4K6G Matrix firmware version

*** 1.MAIN V1.00**	**8. IN5 V1.00**	**16.OUT3 V1.00**
2.WEB V1.00	**9. IN6 V1.00**	**17.OUT4 V1.00**
3.CPLD V1.00	**10.IN7 V1.00**	**18.OUT5 V1.00**
4.IN1 V1.00	**11.IN8 V1.00**	**19.OUT6 V1.00**
5.IN2 V1.00	**12.IN9 V1.00**	**20.OUT7 V1.00**
6.IN3 V1.00	**13.IN10 V1.00**	**21.OUT8 V1.00**
7.IN4 V1.00	**14.OUT1 V1.00**	**22.OUT9 V1.00**
8.IN5 V1.00	**15.OUT2 V1.00**	**23.OUT10 V1.00**

USB UPDATE

Update on boot:
Connect the USB flash drive, select USB UPDATE, and press ENTER to execute the FW update. When the screen turns dark during the update, the screen will display "FIRMWARE UPDATE PLEASE WAIT". After completion, it will restart to the boot screen.

Update in standby mode::
Connect the USB flash drive, press and hold the SET button in back panel, connect the power then release the button after 2 seconds, it will automatically update and reboot to the startup screen after completion.

Remote Control Function (IR01)

To command the matrix locally, setup the remote control IR01 ID same with the Matrix (see 4.5). The default code is 4. (Power+4)

Warning: These settings have to be done the first time you use the IR01 or when you change the batteries.

IR ID setup: press and hold POWER button, then press Number key

Remote control button define:

Symbol	Function
Power	Power on/Standby
LEFT	LEFT
RIGHT	RIGHT
UP	UP
DOWN	DOWN
ENTER	ENTER
MENU	MENU
A	ALL
B	LOAD SCENE
	Quick key 1
	Quick key 2
	Quick key 3
	Quick key 4
	Quick key 5

6 Quick key 6

7 Quick key 7

8 Quick key 8

9 Quick key 9

0 OFF

* Quick key 10

Quick key

For example: to switch output port 1 to input port 4, press 1 (OUTPUT 1) and then press 4 (INPUT 4).

* Under using quick key operation, LCM screen will jump to the output / input setting page; it won't allow using the front panel button to operate the HS10M-4K6G Matrix.

Remote Control Function：（**CONSOLE**）

HS10M-4K6G support RS232 and TCP/IP control by commands as below

For RS232 CONSOLE

Connect the RS232 CONSOLE port to the COM port of the host by a F/M RS232 straight cable (pin 2 to pin 2; pin 3 to pin 3, pin 5 to pin 5).

Communication format is 9600,8, N, 1 (9600 bps, 8 data bits, no parity check, 1 stop bit)

For Ethernet TCP/IP(Winsock): Default IP address: 192.168.0.10, Port:47011

Operation Instruction format:

Command + △(Space) + Parameter + Enter

[Command]	[Description]
POWER△[d]	Power on/off
TX01△[b]	Set Input #n to output 1
TX02△[b]	Set Input #n to output 2

TX03△[b]	Set Input #n to output 3
TX04△[b]	Set Input #n to output 4
TX05△[b]	Set Input #n to output 5
TX06△[b]	Set Input #n to output 6
TX07△[b]	Set Input #n to output 7
TX08△[b]	Set Input #n to output 8
TX09△[b]	Set Input #n to output 9
TX10△[b]	Set Input #n to output 10
AUDIO01△[p]	Set Audio 01 to ARC/HDMI
AUDIO02△[p]	Set Audio 02 to ARC/HDMI
IR_ID△[i]	Set IR remote ID
SAVE△[a]	Save scene to #n
LOAD△[a]	Load scene from #n
LOCK△[d]	Panel button& IR remote control Lock/Unlock
SET_DHCP△[d]	DHCP client on/off
IPADDRESS△[n.n.n.n]	Set Matrix IP address
SUBNETMASK△[n.n.n.n]	Set Matrix subnet mask
GATEWAY△[n.n.n.n]	Set Matrix gateway
MEDIATYPE△[m]	Network speed select
MACFILTER△[d]	MAC filter on/off
STATUS	Show connection status
VERSION	Show firmware version
HELP	Help

[Symbol]	[Parameter]
a	00~10
b	00=off, 01~10
d	00=off, 01=on
i	00~09=0~9
m	00=auto, 01=10M, 02=100M
n	0~255
p	00=ARC, 01=HDMI

Example:
-To route input 4 to output 1, send the following string:
TX1△04[Enter]
(HEX code: 54 58 30 31 20 30 34 0D)

-To put in standby the matrix, send the following string:
POWER△00[Enter]
(HEX code: 50 4F 57 45 52 20 30 30 0D)

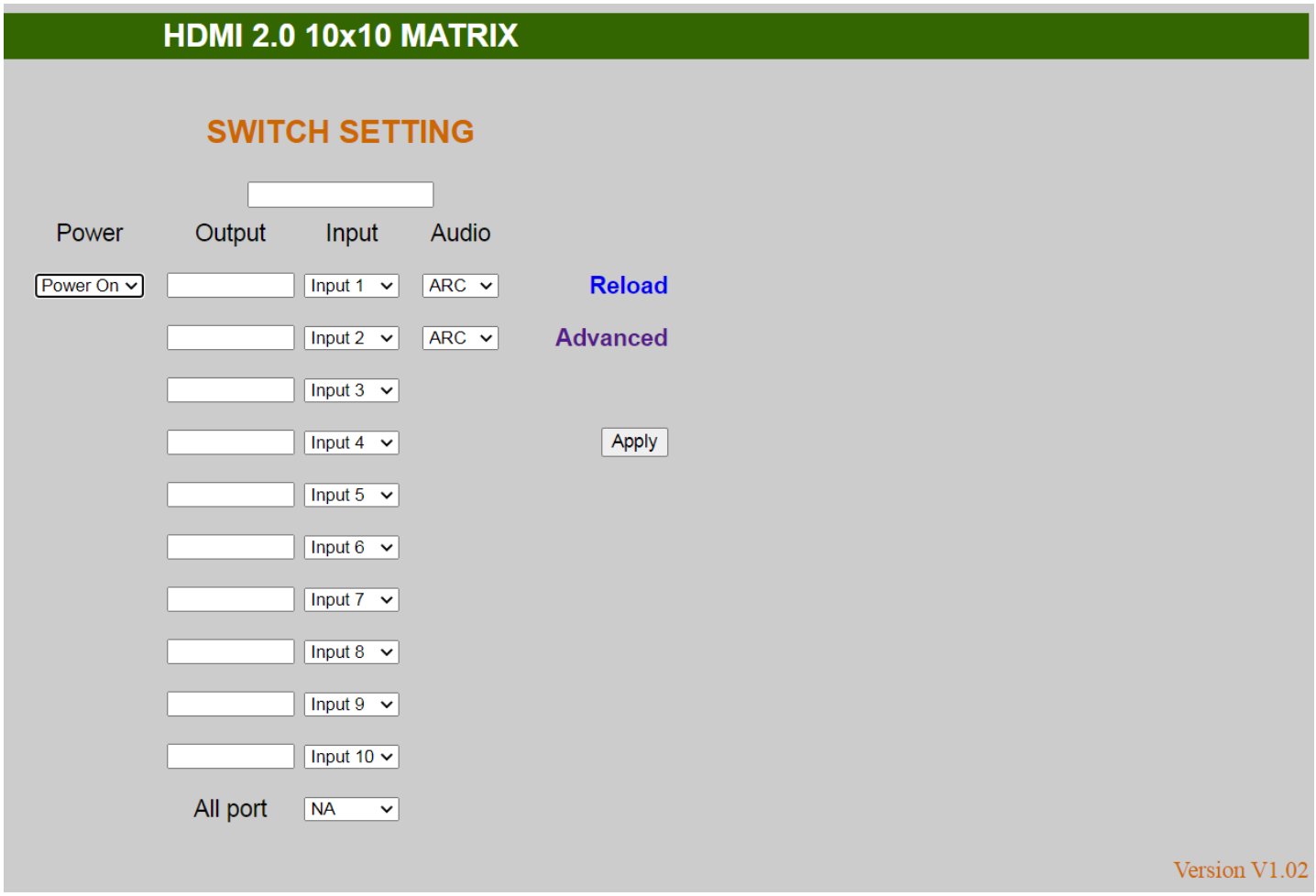
Commands are case insensitive.
The Matrix will reply OK once string is correct, NG in case of incorrect string

Ethernet Control Function

Initial IP Configuration

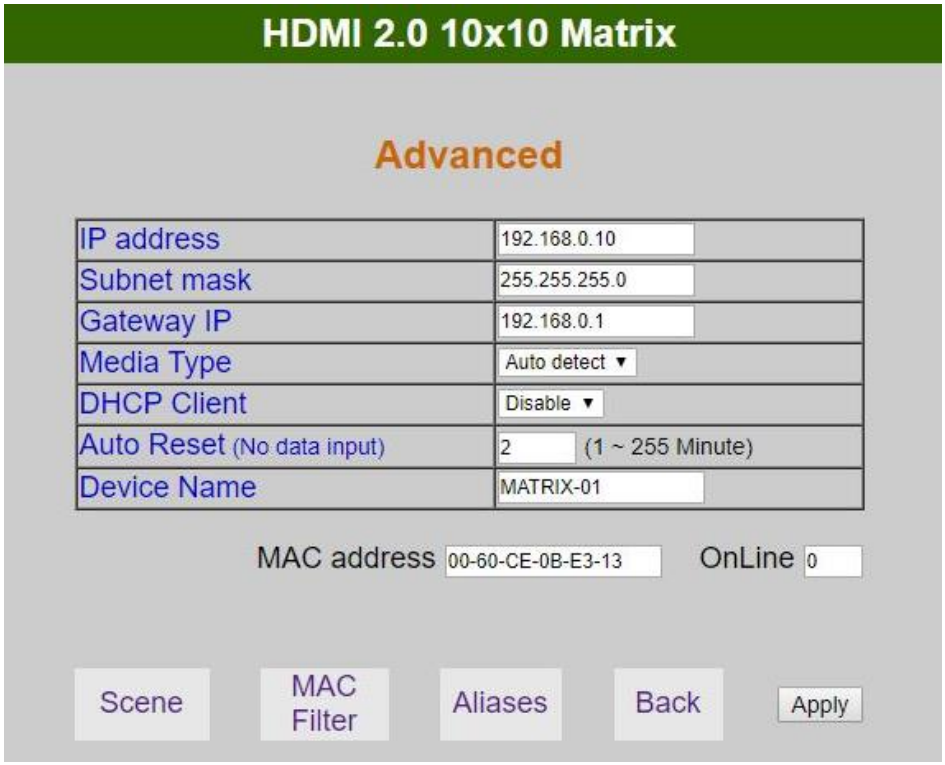
1. Setup MATRIX IP Address same as your PC with same domains.(Default 192.168.0.10)
2. MATRIX IP Address method, please refer. to “ETHERNET” Chapter
3. Input IP Address on a web page, you could link to the Web UI of the MATRIX host.
4. Web UI Operation :

Switch Setting



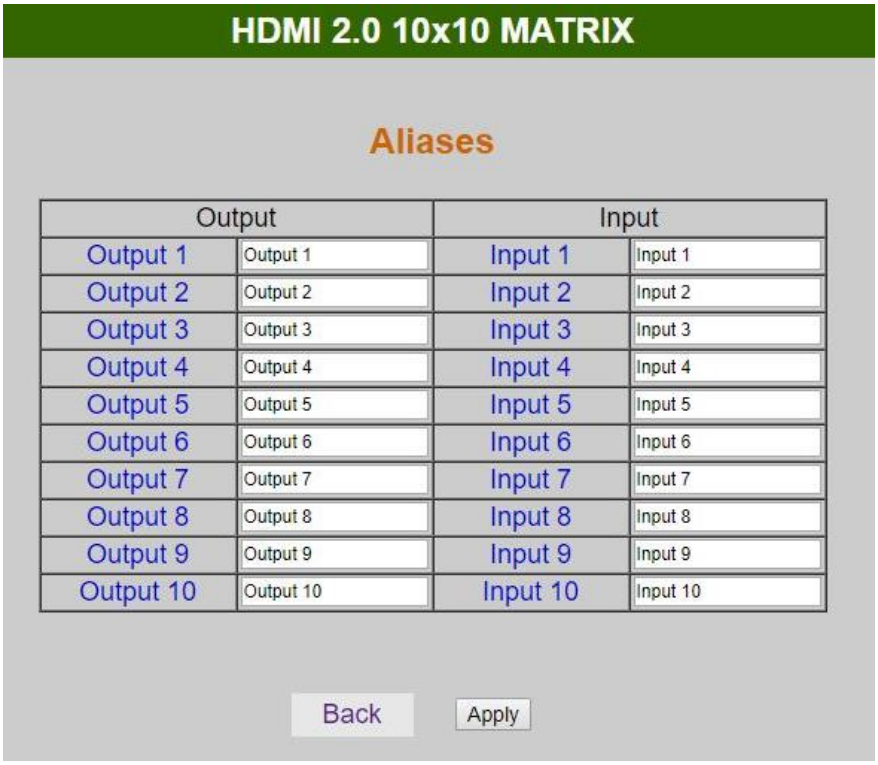
1. Power : Control MATRIX power on and standby.
2. Output : Display output 1~10, it can change the display name by the Aliases page.
3. Input : Display input 1~10, this field is a drop down menu, this field is a drop-down menu, a drop-down menu include Input 1 ~ 10 and OFF, It can change the display name by the Aliases page.
4. Audio : Switch Audio function HDMI or ARC
5. Reload : Get MATRIX host message.
6. Advanced : Enter into the “Advanced” page.
7. Apply : Complete the setting
8. All Port : Set all output from input 1~10 or off at once.

Advanced



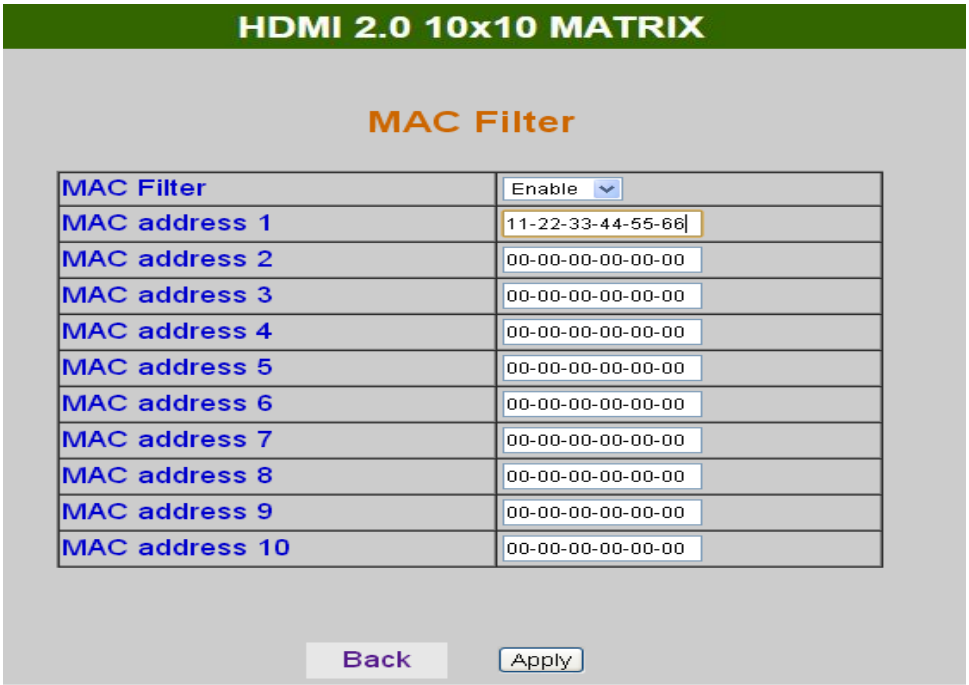
- IP address : Change IP address
- Subnet mask : Change Subnet mask
- Gateway IP : Change Gateway IP
- Media Type : Change 10 / 100 / Auto detect
- DHCP Client : When setup at Enable, the MATRIX host will automatic get IP Address、Subnet Mask、Gateway, If setup at Disable, the MATRIX host IP Address、Subnet Mask、Gateway need to set from Advanced page.
- Auto Reset : The terminal connection people will be 4 users on line at same time, this function could setup the linking time to avoid long time linking and other user cannot use. When over the setting link time, the terminal will automatically disconnect the link. . (0: no time setup, 1 ~ 255 Minute time range that can be setup)
- Scene : Click to enter Scene setup page
- MAC Filter : Enter to MAC Filter to setup page
- Aliases : Enter to Aliases to setup page
- Device Name : Can change device name
- Back : Jump back SWITCH SETTING page
- Online : Terminal connection users display, the max. 4 users on line.

Aliases



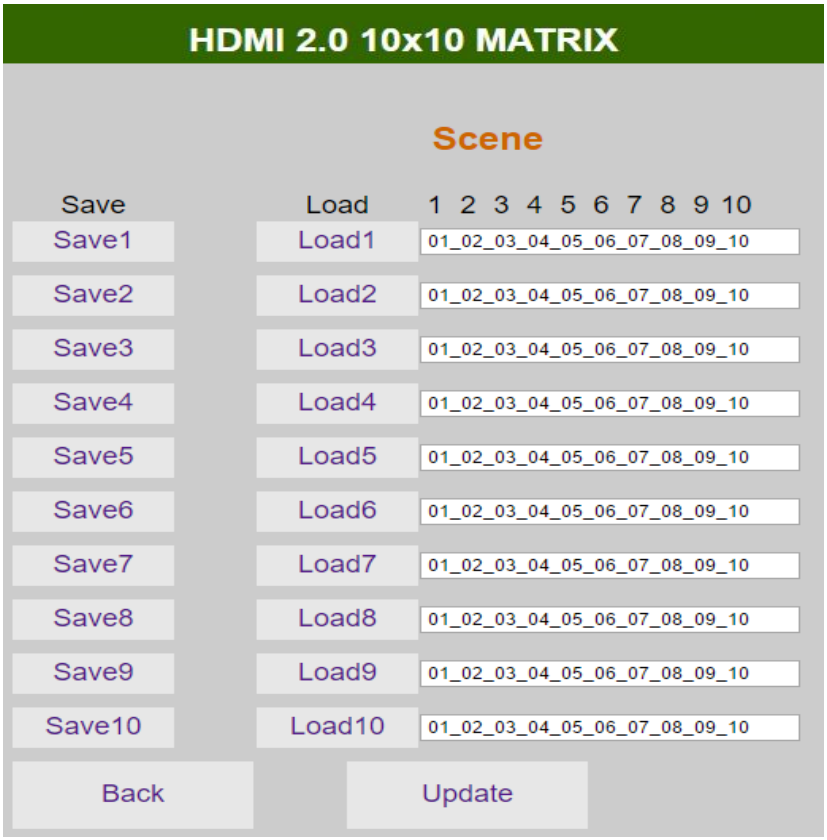
- Aliases page can change input/output name, enter Apply to finish the setting after change　The new name will update and correspond to SWITCH SETTING page Output / Input.
- Press Back jump back to advanced page.

MAC Filter



- MAC Filter can be setup as registered MAC Address to link MATRIX host Web UI，the max. up to 10 groups　MAC Address
- After MAC Address fill in, select Enable and press Apply to complete the setting.
- Press Back jump to advanced page.

Scene



- **Save** : Save 10 set of channel settings
- **Load** : Reload 1 of the channel settings
- **Update**: Refresh the status of Load
- **Back** : Back to **Advanced** page

Android APP Function

APP name: Matrix Controller

System Requirement

Android 4.0 and up
Size: 1.2M
Language: English, Traditional Chinese, Simplified Chinese

Google Play Download Link
https://play.google.com/store/apps/details?id=sct.com.matrixcontroller

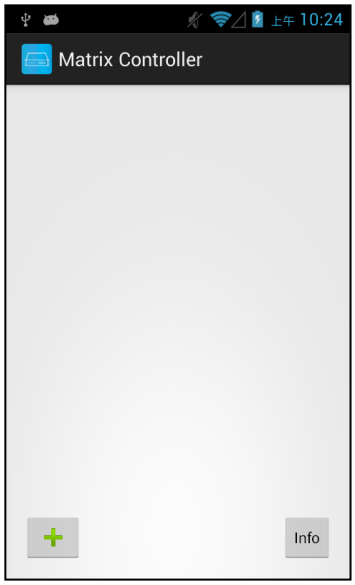
Google Play Download QR code

System Setting

Connect mobile phone to Wi-Fi and set the IP/ subnet mask same with matrix network segment
Default IP address of matrix is 192.168.0.10
Default subnet mask is 255.255.255.0
You could also set to DHCP mode, please refer user manual

There are two ways to get the IP address of matrix:
1. Use APP function: Scan Device to get the IP address.
2. Use panel button or IR remote control by press [MENU], select to [ETHERNET] function and press [ENTER] to enter [IP Address] function than press [ENTER], it will show IP Address in the LCD panel of matrix.

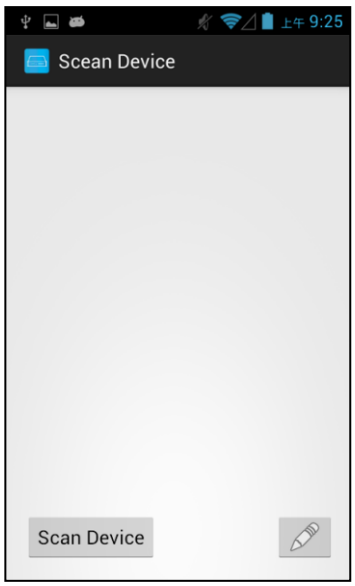
Main Page



When first time enter the APP will see the main page

Bottom left「+」to add matrix
Bottom right「Info」to show information

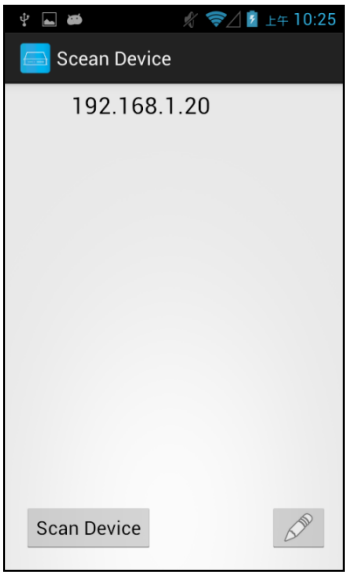
Scan Device



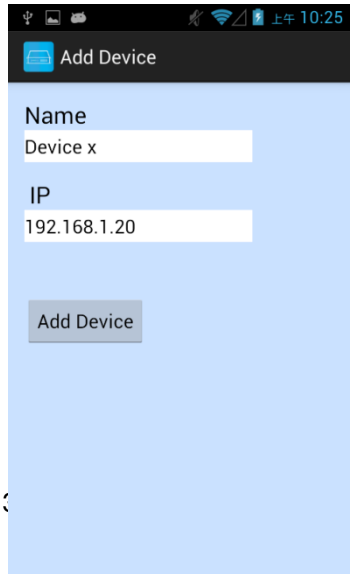
Touch「+」button at main screen to enter「Scan Device」page

Touch bottom left「Scan Device」to start scan
Touch bottom right pen icon to input the IP address manually

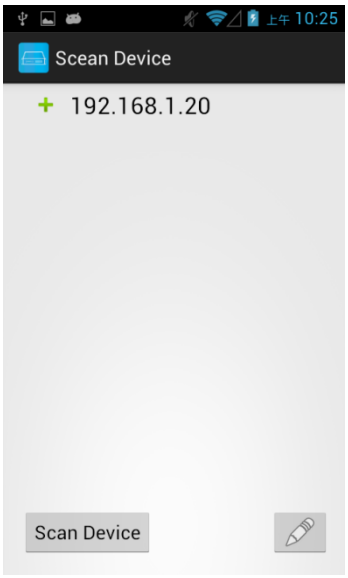
Add Matrix



After scanning it will show all matrixes in the list
Touch the IP in list to enter「Add Device」page



Enter the name of matrix then touch「Add Device」to finish setting
Notice：Name should be unique, not allow duplicate

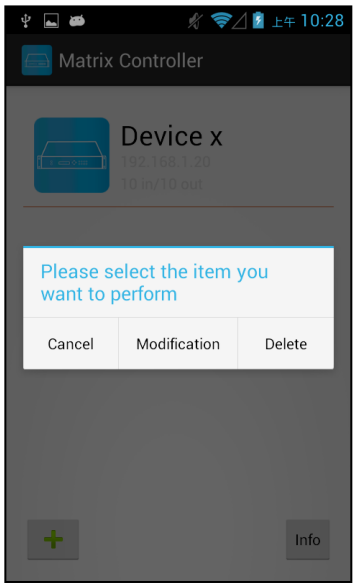


It will show「+」icon in front of the IP address when finished

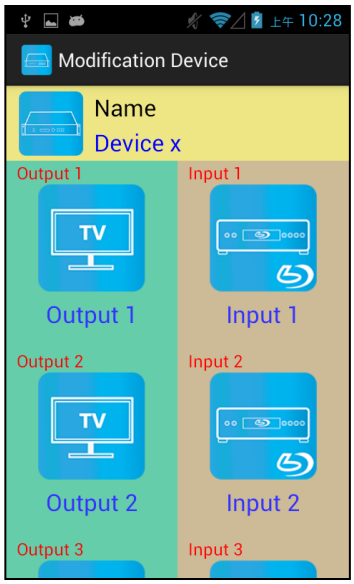
Return to main screen you will see the matrix which just add

Modify Device

Press the matrix name to show pop-up dialog



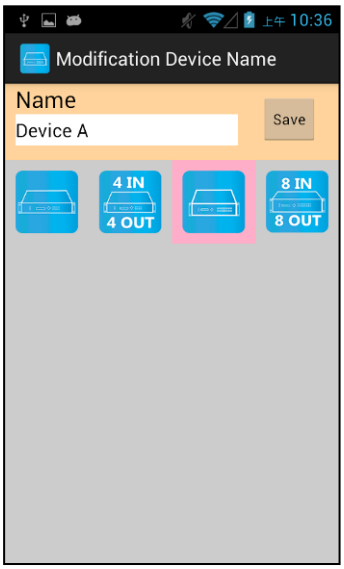
Touch「Modification」to enter modification page.



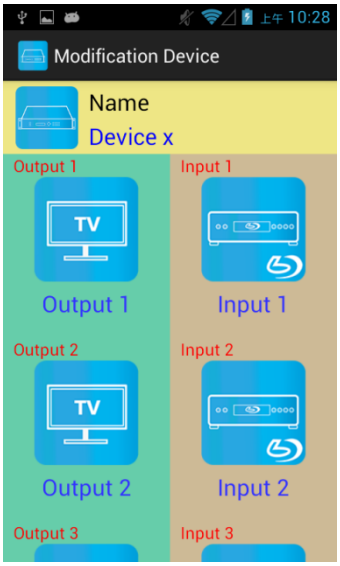
Yellow block shows matrix name and icon

Green block shows name and icon of output devices
Brown block shows name and icon of input devices

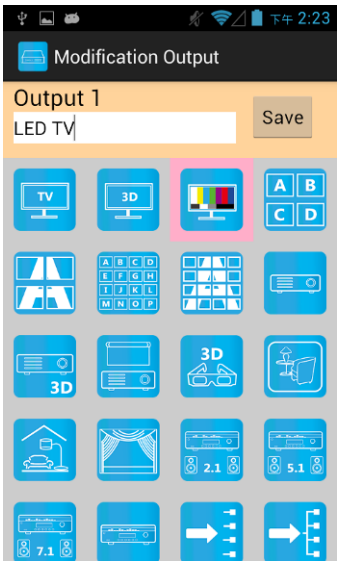
Touch yellow block to
Input the name and select



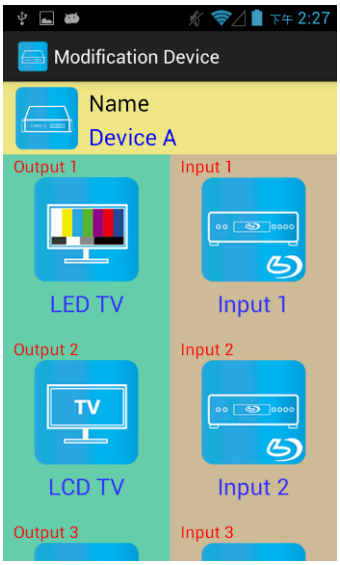
modify matrix name and icon
the icon you prefer then touch「Save」to finish



Return to Modification page you will see the matrix have been changed



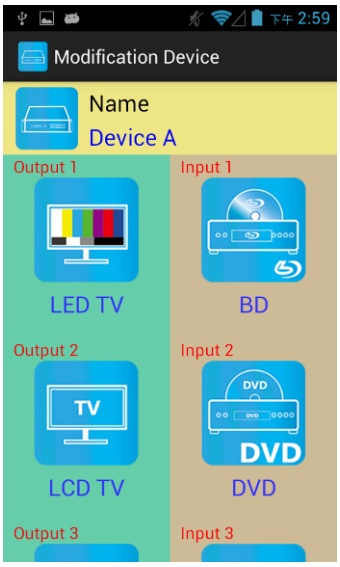
Touch green block to modify output name and icon
Input the name and select the icon you prefer then touch「Save」to finish



Return to Modification page you will see the output have been changed

Touch brown block to modify input name and icon

Input the name and select the icon you prefer then touch「Save」to finish



Return to Modification page you will see the input have been changed

Channel Switching Mode (load scene, input selection, output selection)

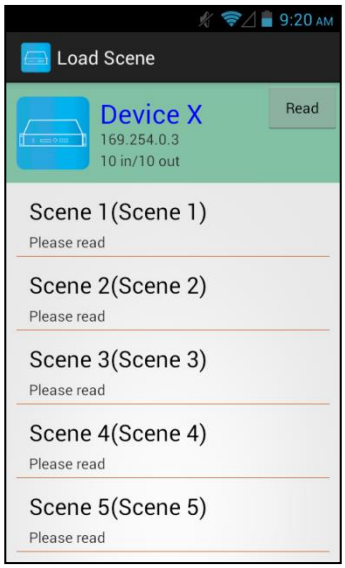
Click device name in list to enter load scene page

Slide right from load scene page to enter input selection mode (as before)

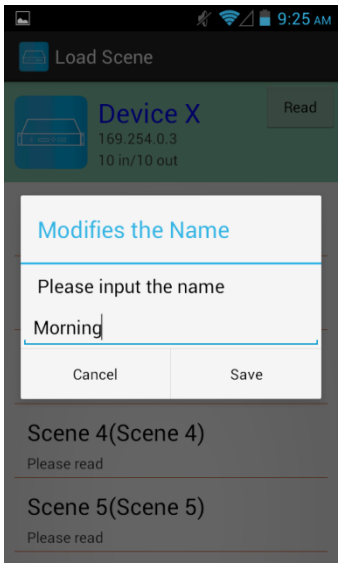
Slide left from load scene page to enter output selection mode (support multiple selection)

Load Scene

Modify Scene Name



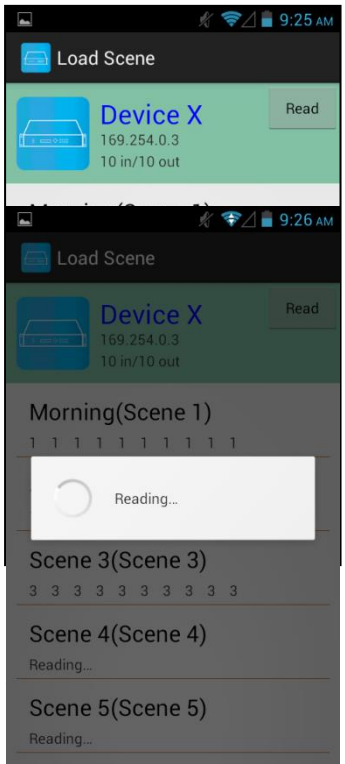
Press scene column to show pop-up dialog to modify scene name



After modification touch 「Save」to save scene name
It will return to Load Scene page automatically.

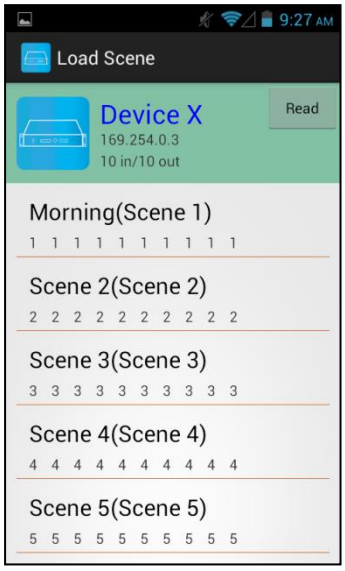
Notice：Name should be unique, not allow duplicate or empty

Read Scene Status

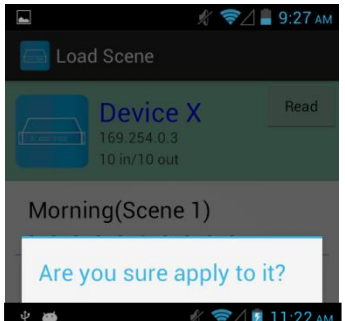


Touch top right 「Read」to renew the scene status

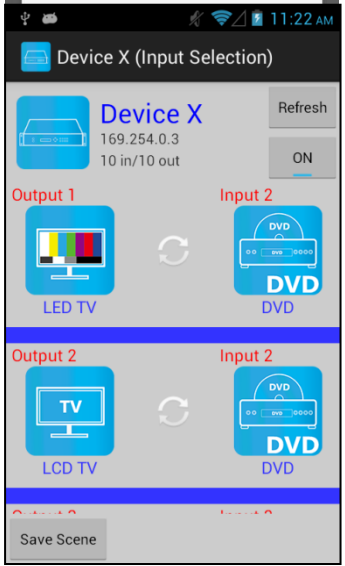
It will show pop-up message 「Reading...」
After reading it will refresh scene status



Touch the column name to show pop-up dialog



Touch 「Yes」to apply scene



Input Selection Mode

Top right「Refresh」to renew the status of matrix
Below「Refresh」button to power on/off the matrix

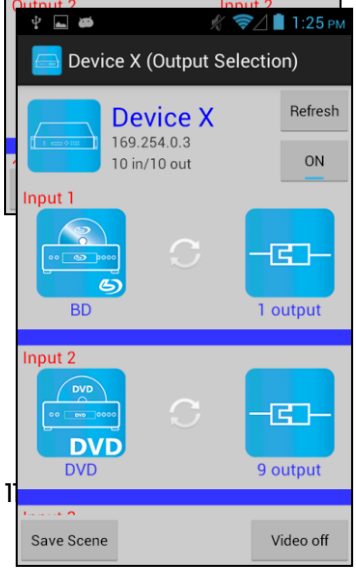
The block under device are Output 1~ Output 10
(4 by 4 matrix only shows Output 1~Output 4)
Left side shows output device name
Right sideshows current input device name

Bottom left「Save Scene」to save the scenes

Touch output block to enter Channel Selection page

Touch input device to switch or ON/OFF icon to power on/off

It will return to Input Selection page after switching and you will see the input have been changed

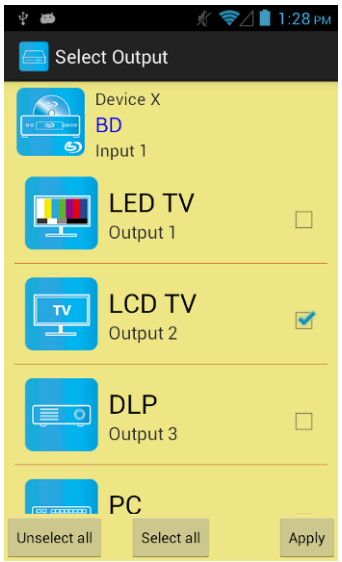


Output Selection Mode

Top right 「Refresh」to renew the status of matrix
Below「Refresh」button to power on/off the matrix

The blocks under device are Input 1~ Input 10
(4 by 4 matrix only shows Input 1~Input 4)
Left side shows input device name
Right side shows current output numbers of devices

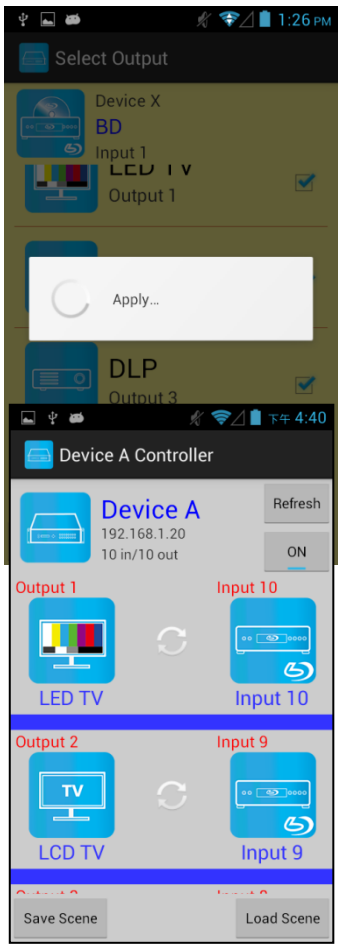
Bottom left「Save Scene」to save the scenes
Bottom right「Video off」to turn off video output



Touch input block or「Video off」to enter Output Selection page

It will show connected output of current input

Bottom left「Unselect all」to clear all output box
Bottom center「Select all」to check all output box
Bottom right「Apply」to apply output setting

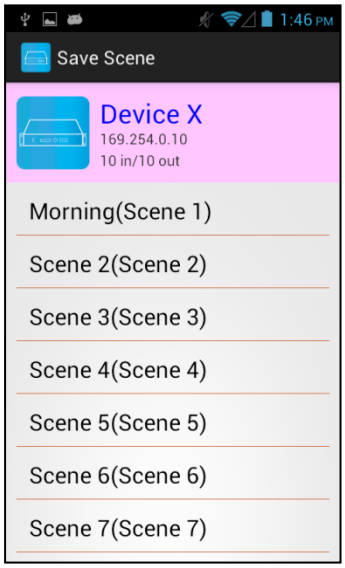


After touch 「Apply」 it will show pop-up message 「Apply...」

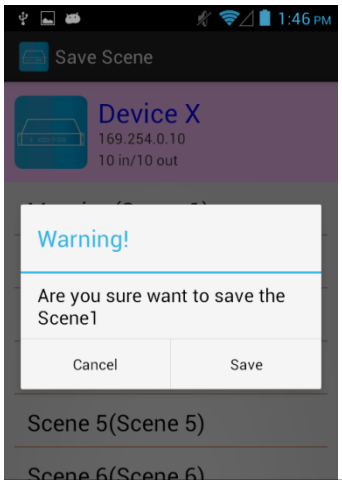
It will return to Input Selection page after switching and you will see the numbers of output have been changed

Save Scene

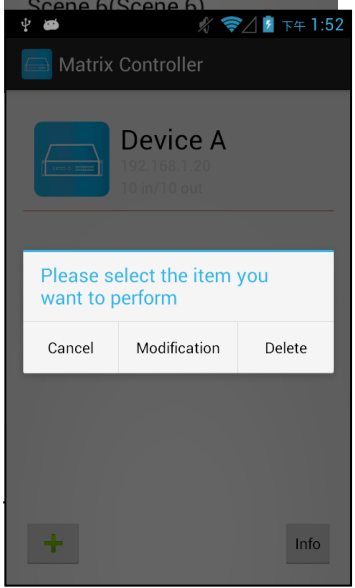
In Input or Output Selection page touch bottom left「Save Scene」to enter Save Scene page



Touch the Scene column to show pop-up dialog



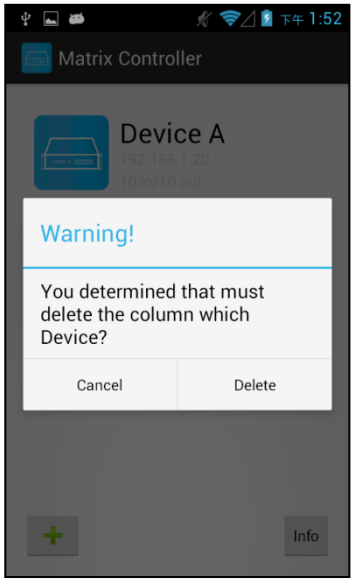
Touch 「Save」to save current channels setting for all output
It will return to Save Scene page automatically.



Delete Matrix

Press the block of matrix in Controller page to show pop-up dialog then

touch「Delete」



Touch「Delete」to delete the matrix

iOS APP Function

APP name: Matrix Controller

System Requirement
iOS 7.1 and up
Size: 2.3M
Language: English, Traditional Chinese, Simplified Chinese

iTunes Download Link

https://itunes.apple.com/us/app/matrix-control/id904487754?l=zh&ls=1&mt=8

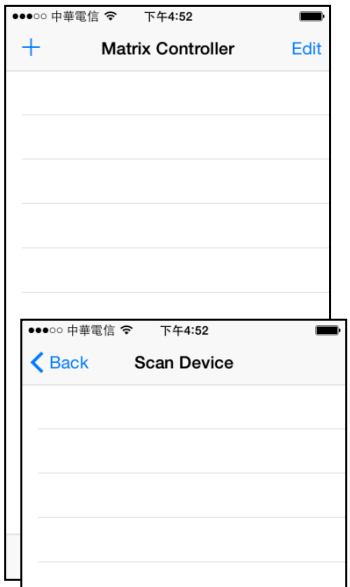
iTunes Download QR code

System Setting

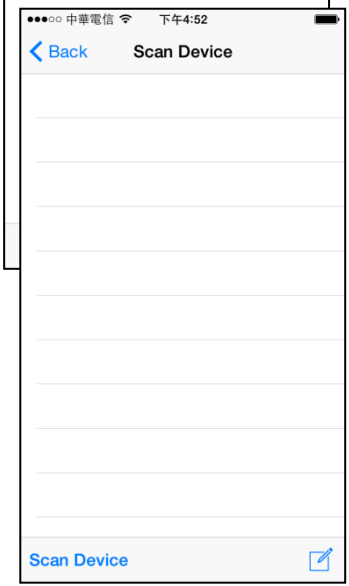
Connect mobile phone to Wi-Fi and set the IP/ subnet mask same with matrix network segment
Default IP address of 10 by 10 matrix is 192.168.0.10
Default IP address of 4 by 4 matrix is 192.168.0.200
Default subnet mask is 255.255.255.0
You could also set to DHCP mode, please refer user manual

There are two ways to get the IP address of matrix:
1. Use APP function: Scan Device to get the IP address.
2. Use panel button or IR remote control by press [MENU], select to [ETHERNET] function and press [ENTER] to enter [IP Address] function than press [ENTER], it will show IP Address in the LCD panel of matrix

Main Page



When first time enter the APP will see the main page



Bottom left「+」to add matrix
Bottom right「Info」to show information

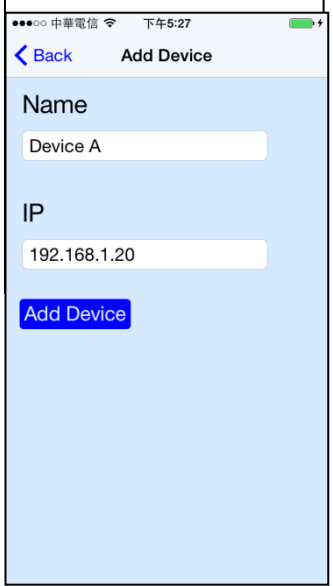
Scan Device

Touch「+」button at main screen to enter「Scan Device」page

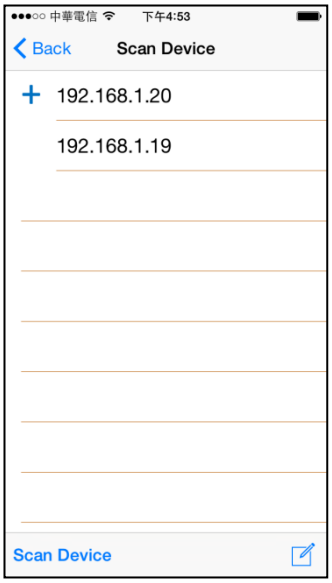
Touch bottom left「Scan Device」to start scan
Touch bottom right pen icon to input the IP address manually

Add Matrix

After scanning it will show all matrixes in the list
Touch the IP in list to enter「Add Device」page

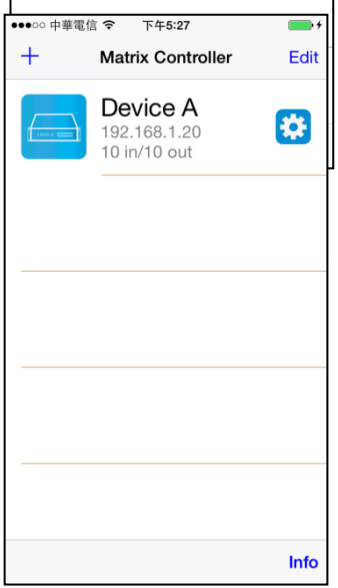


Enter the name of matrix then touch「Add Device」to finish setting
Notice：Name should be unique, not allow duplicate



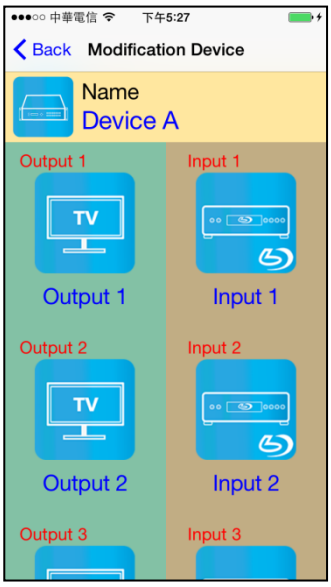
It will show「+」icon in front of the IP address when finished

Return to main screen you will see the matrix which just add



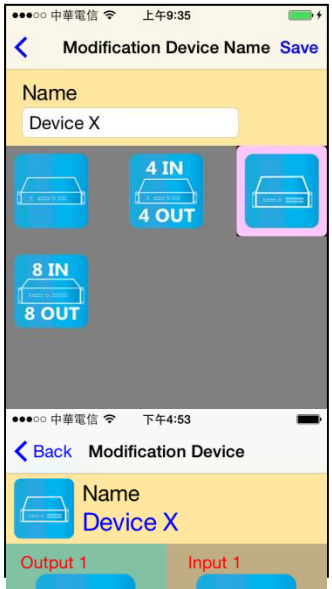
Modify Device

Touch the gear icon to enter Modification page

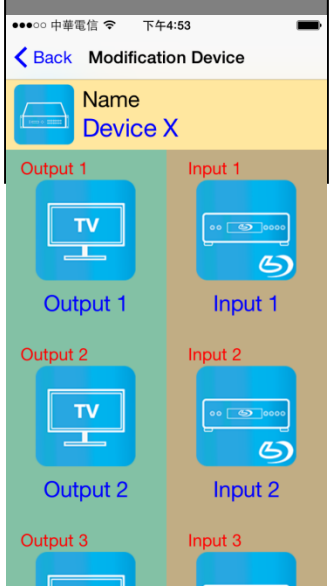


Yellow block shows matrix name and icon

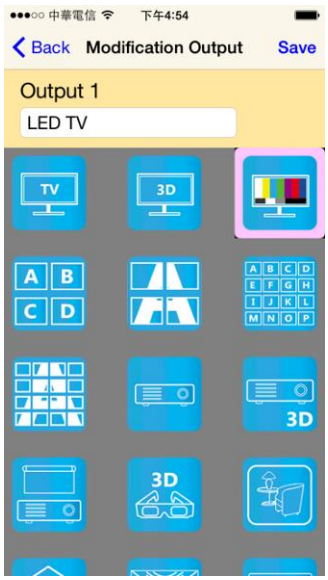
Green block shows name and icon of output devices
Brown block shows name and icon of input devices



Touch yellow block to modify matrix name and icon
Input the name and select the icon you prefer then touch「Save」to finish

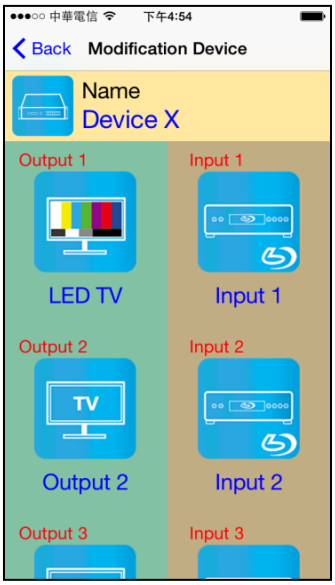


Return to Modification page you will see the matrix have been changed



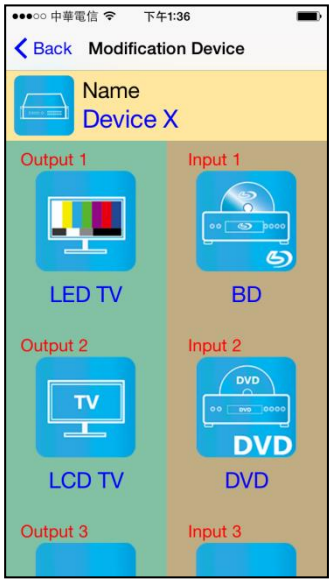
Touch green block to modify output name and icon
Input the name and select the icon you prefer then touch「Save」to finish

Return to Modification



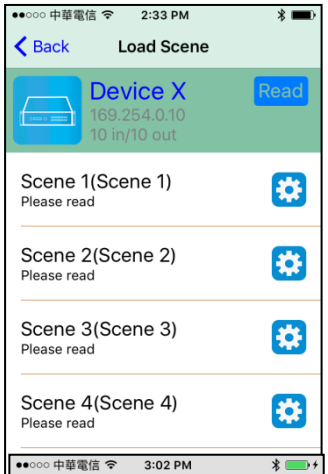
page you will see the output have been changed

Touch brown block to modify input name and icon
Input the name and select the icon you prefer then touch「Save」to finish

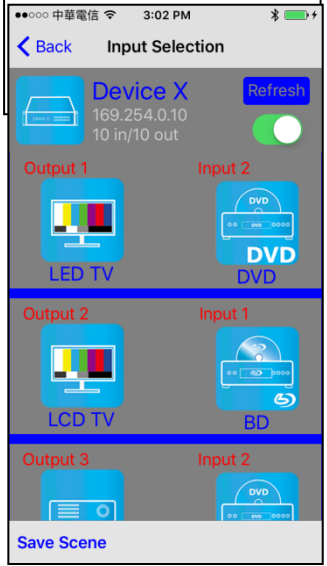


Return to Modification page you will see the input have been changed

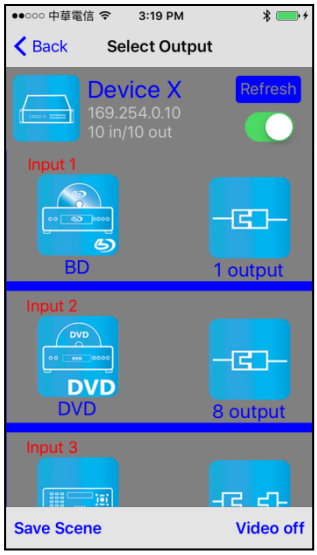
Channel Switching mode (load scene, input selection, output selection)



Click device name in list to enter load scene page



Slide right from load scene page to enter input selection mode (as before)



Slide left from load scene page to enter output selection mode (support multiple selection)

Load scene

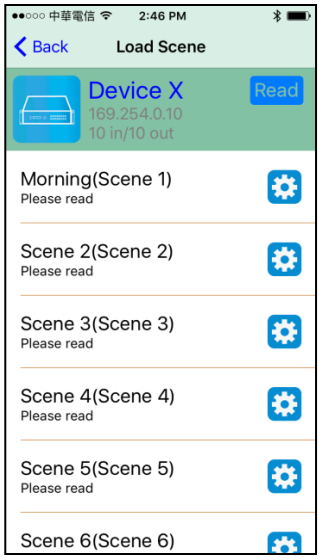
Modify scene name

Touch the gear icon to enter modify scene name

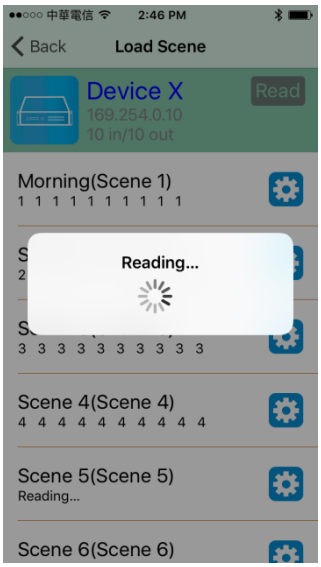
After modification touch 「Save」 to save scene name
It will return to Load Scene page automatically.

Notice：Name should be unique, not allow duplicate or empty

Read scene status

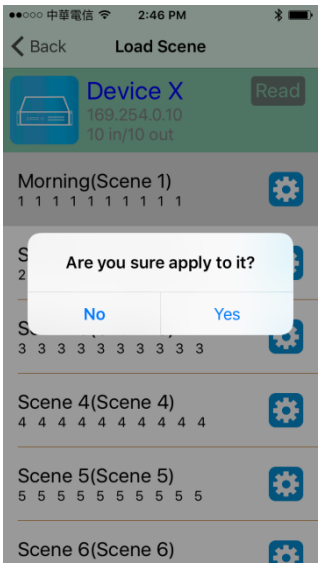


Touch top right 「Read」to renew the scene status



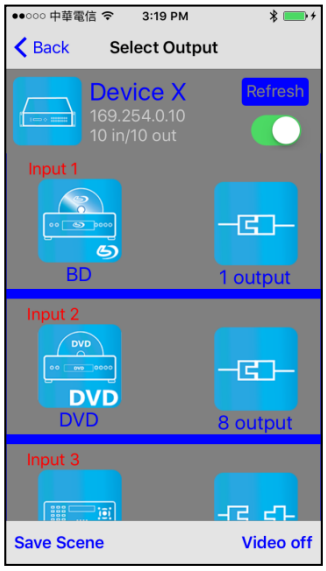
It will show pop-up message 「Reading...」
After reading it will refresh scene status

Touch the column name to show pop-up dialog



Touch 「Yes」to apply scene

Output Selection Mode



Top right 「Refresh」to renew the status of matrix
Below「Refresh」button to power on/off the matrix

The blocks under device are Input 1~ Input 10
(4 by 4 matrix only shows Input 1~Input 4)
Left side shows input device name
Right side shows current output numbers of devices

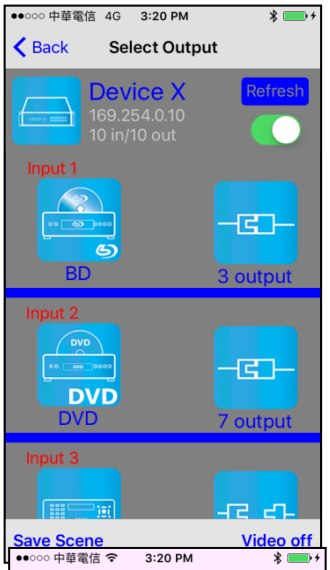
Bottom left「Save Scene」to save the scenes
Bottom right「Video off」to turn off video output

Touch input block or「Video off」to enter Output Selection page

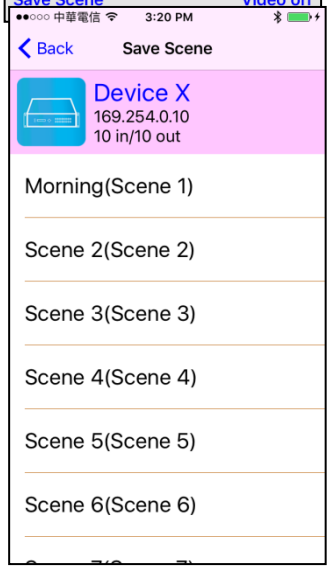
It will show connected output of current input

Bottom left「Unselect all」to clear all output box
Bottom center「Select all」to check all output box
Bottom right「Apply」to apply output setting

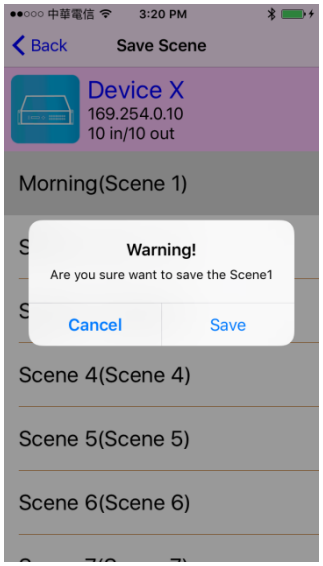
Save Scene



In Input or Output Selection page touch bottom left「Save Scene」to enter Save Scene page



Touch the Scene column to show pop-up dialog

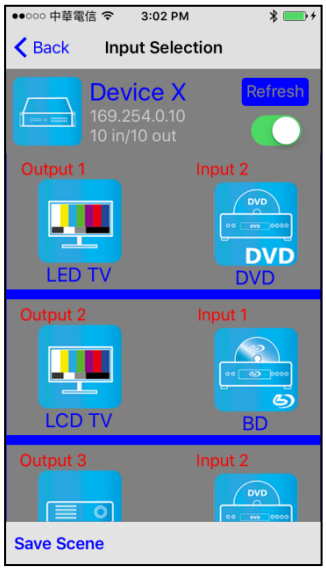


Touch 「Save」to save current channels setting for all output
It will return to Save Scene page automatically.

After touch 「Apply」 it will show pop-up message 「Apply...」

It will return to Input Selection page after switching and you will see the numbers of output have been changed

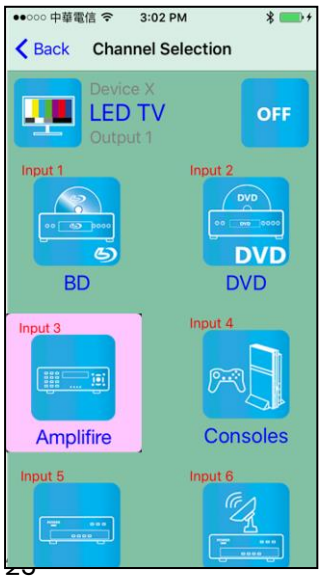
Input Selection Mode



Top right「Refresh」to renew the status of matrix
Below「Refresh」button to power on/off the matrix

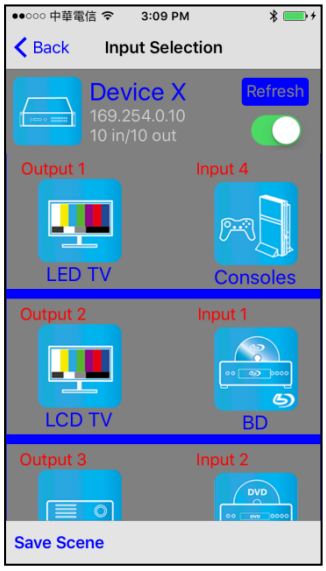
The block under device are Output 1~ Output 10
(4 by 4 matrix only shows Output 1~Output 4)
Left side shows output device name
Right sideshows current input device name

Bottom left「Save Scene」to save the scenes



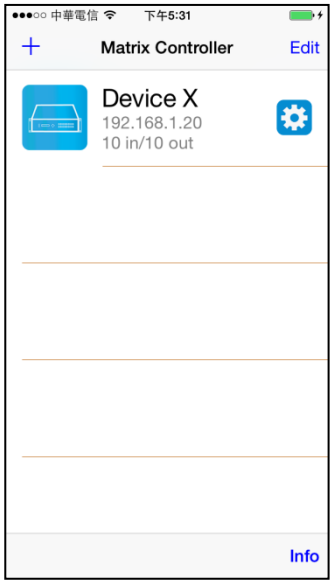
Touch output block to enter Channel Selection page

Touch input device to switch or ON/OFF icon to power on/off

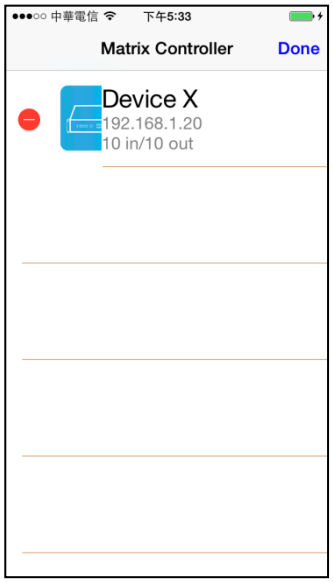


It will return to Input Selection page after switching and you will see the input have been changed

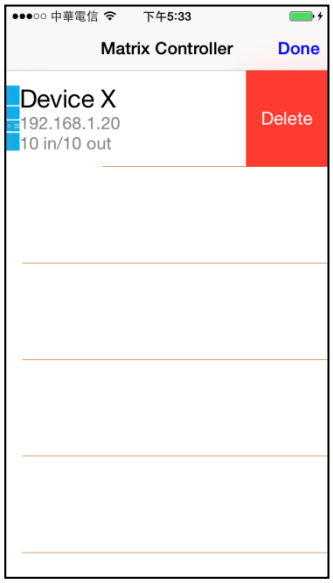
Delete Matrix



Touch top right「Edit」button to enter delete mode



Touch 「-」button in the left of matrix



Touch「Delete」to delete the matrix
Touch top right 「Done」to exit

Specification

ITEM NO.	HS10M-4K6G
Support	
Compliance	HDMI 2.0, HDCP 2.2, DVI 1.1, 3D, HDR 10, Dolby Vision, HLG
Max. HDMI Resolution	4K@60Hz 4:4:4
Video Bandwidth	18 Gbps
Audio Format	LPCM 7.1@192KHz, Dolby TrueHD, DTS-HD MA
RS232 Baud Rate	9600 bps
IR Support	45°, 5M
Ports & Interfaces	
Video Input	10 x HDMI Type A
Video Output	10 x HDMI Type A
Audio Output	2 x SPDIF
Ethernet Interface	1 x RJ45
RS232 Interface	1 x DB9 Female (Console)
IR Interface	1 x (3.5mm) Phone Jack
USB Interface	1 x USB-A (Firmware Update)
Power	
Power Supply	DC 12V 6.67A
Power Consumption	2.8A
Ambient Temperature	
Operation	0 to 55℃
Storage	-20 to 85℃
Humidity	up to 95%
Physical Characteristics	
Dimensions	483 x 232 x 44mm
Weight	2920g

RoHS CE