

Camera Quad splitscreen HD



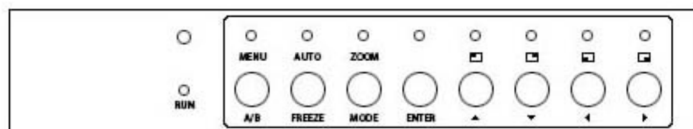
1. Introduction

4 channel CCTV video multiplexer (quad processor) that works with TVI, AHD, and analog CCTV cameras. Users can view live video from multiple cameras on a HD TV or monitor at 1080p video resolution using the HDMI or VGA video output.

2.Characteristics

- 4 channel video input, each channel can accept TVI/AHD/D1, the format of input video (D1/AHD/TVI) and video mode(PAL/NTSC)can setting.
- For each channel: brightness, contrast, and saturation and hue can be adjusted.
- 2 channel CVBS output(NTSC : 720X480, PAL : 720X576).
- HDMI/VGA output and the resolution of output can setting(1024x768、 1280x1024、 1440x900, 720P/50/60、 1080P/50/60).
- Display modes include QUAD screen、 2CH(left/right)、 2CH(UP/DOWN)、 single channel and PIP mode.
- The output channel of PIP mode can selected.
- High performance FREEZE function.
- Channel auto sequence / scrolling. the interval time can adjust by menu(3~99s).
- Digital ZOOM function.
- Video loss alarm.
- Users can operate device by keyboard and wireless remote control.

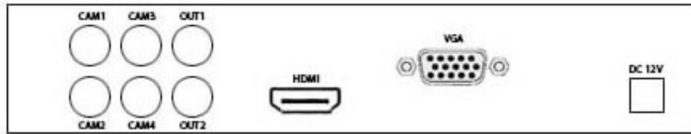
3.Front panel



KEY definition : short key <1s, longkey >1s

- “MEUN/A/B” : long press to enter main menu, short press to enter QUAD mode.
- “FRZ/AUTO” : short press to enter freeze function, long press to enter auto-sequence function.
- “MODE/ZOOM” : short press to enter mode function, long press to enter zoom function.
- “ENTER” : enter button.
- “ ” : 1CH/UP multi-function button.
- “ ” : 2CH/DOWN multi-function button.
- “ ” : 3CH/LEFT multi-function button.
- “ ” : 4CH/RIGHT multi-function button.

4. Rear panel



- “CAM1~4”: 1~4CH video input.
- “OUT1~2”: CVBS output.
- “HDMI”: HDMI output.
- “VGA”: VGA output.
- “DC12V”: 12V power input.

5. FREEZE Function

Press the FREEZE button to enter freeze function. Press again to cancel the freeze function.

6. AUTOSEQ Function

Press the AUTOSEQ button to enter/exit the AUTOSEQ mode, show/hide the AUTOSEQ font on the right top of monitor simultaneously.

7. MODE Function

Press the button to switch the output mode except QUAD and single camera mode.

8. ZOOM Function

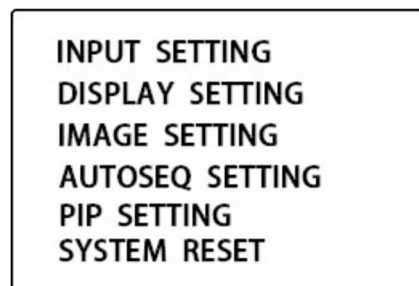
Press the ZOOM button to enter/exit ZOOM mode. Show/hide a red frame simultaneously. Move the red frame using the UP/DOWN/LEFT/RIGHT Button to select the desired zoom region, enable/disable the zoom function to zoom the region using the ENTER button.

Caution: you must exit the zoom mode to initiate other operations.

9. MENU Operation

Press the MENU button to show/hide the main menu. The main menu includes the 6 items below.

Press the UP/DOWN button to select the item, press the ENTER button to select..



9.1 INPUT SETTING.

As follow, move to the desired position using the UP/DOWN/LEFT/RIGHT button, select the item using the ENTER button, press the MENU button to apply the new setting and back to the main menu.

- “D1/AHD/TVI”: The type of input video.
- “PAL/NTSC” : The mode of input video.

INPUT SETTING					
CH1	D1	<input type="checkbox"/>	AHD	<input type="checkbox"/>	TVI <input checked="" type="checkbox"/>
CH2	D1	<input type="checkbox"/>	AHD	<input type="checkbox"/>	TVI <input checked="" type="checkbox"/>
CH3	D1	<input type="checkbox"/>	AHD	<input type="checkbox"/>	TVI <input checked="" type="checkbox"/>
CH4	D1	<input type="checkbox"/>	AHD	<input type="checkbox"/>	TVI <input checked="" type="checkbox"/>
VIDEO MODE			PAL	<input checked="" type="checkbox"/>	NTSC <input type="checkbox"/>

9.2 DISPLAY SETTING

Move to the desired position using the UP/DOWN/LEFT/RIGHT button, select the item using the ENTER button, press the MENU button to apply the new setting and back to the main menu.

DISPLAY SETTING			
1024X768	<input type="checkbox"/>	720P/60HZ	<input type="checkbox"/>
1280X1024	<input type="checkbox"/>	1080P/50HZ	<input type="checkbox"/>
1440X900	<input type="checkbox"/>	1080P/60HZ	<input checked="" type="checkbox"/>
720P/50HZ	<input type="checkbox"/>		

9.3 IMAGE SETTING

Move to the desired position using the UP/DOWN button. Adjust the value using the LEFT/RIGHT button. Press the MENU button to back to the main menu.

IMAGE SETTING	
CH	◀ 1 ▶
BRIGHTNESS	◀ 50 ▶
CONTRAST	◀ 50 ▶
SATURATION	◀ 50 ▶
HUE	◀ 50 ▶

- “BRIGHTNESS” : Adjust the brightness of input video(0~99).
- “CONTRAST” : Adjust the contrast of input video(0~99).
- “SATURATION” : Adjust the saturation of input video(0~99).
- “HUE” : Adjust the hue of input video(0~99).

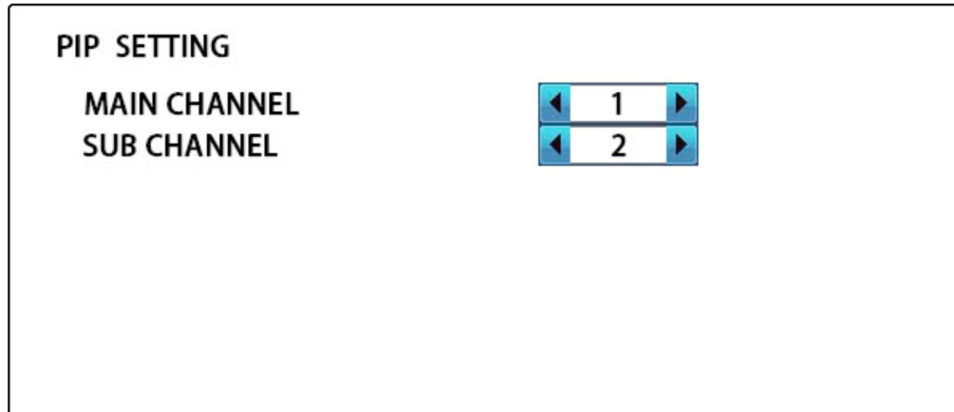
9.4 AUTO-SEQUENCE SETTING

As follow, move to the desired position using the UP/DOWN button, adjust the value(3~99s) using the LEFT/RIGHT button, press the MENU button to back to the main menu.

AUTOSEQ SETTING	
CH NO	HOLD TIME(S)
CH1	◀ 05 ▶
CH2	◀ 05 ▶
CH3	◀ 05 ▶
CH4	◀ 05 ▶

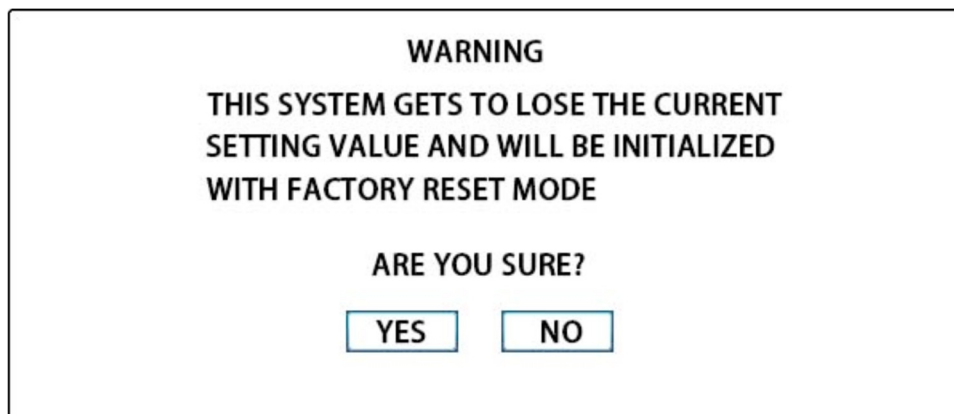
9.5 PIP SETTING

As follow, move to the desired position using the UP/DOWN button, adjust the output channel of main channel and sub channel using the LEFT/RIGHT button, press the MENU button to back to the main menu.



9.6 SYSTEM RESET

Move to the desired position using the LEFT/RIGHT button. Press the ENTER button to enter and back to the main menu.



10. Specifications

Video Input 4CH TVI/AHD/D1/960H (analog CCTV)

Video Output HDMI/VGA/CVBS

Power Supply 12V/1A

Consumption <3W

Working Temperature -10°C~+55°C

Working Humidity 10%~90%

Dimension 210x150x40mm

Weight 0.63kg