HDQP

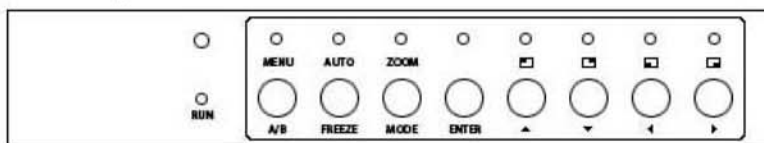## 4CH HD-TVI / AHD / D1 Color Multiplexer Manual

1.Introduction

HDQP is a 4CH TVI/AHD/D1 HD Video Multiplexer.

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, the brightness, contrast, saturation and hue can adjust.

● Support 2 channel CVBS output (NTSC : 720X480, PAL : 720X576).

● Support HDMI/VGA output and the resolution of output can setting (1024x768、1280x1024、1440x900、720P/50/60、1080P/50/60).

● Support all kinds of display mode, include QUAD、2CH(left/right)、2CH(UP/DOWN)、single channel and PIP mode.

● The output channel of PIP mode can select by the menu.

● Height performance FREEZE function.

● Support channel auto sequence, the interval time can adjust by menu(3~99s).

● Support ZOOM function.

● Support the alarm of video loss.

● Users can operate device by keyboard and remote control.

● Support English menu , the input, display, image, auto sequence and system reset can setting by the menu.

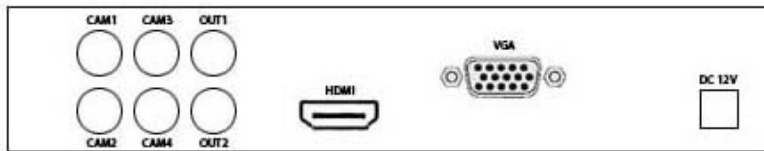### 3. Front panel

The KEY define : 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 FREESE button to enter freeze function, press again to cannel 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

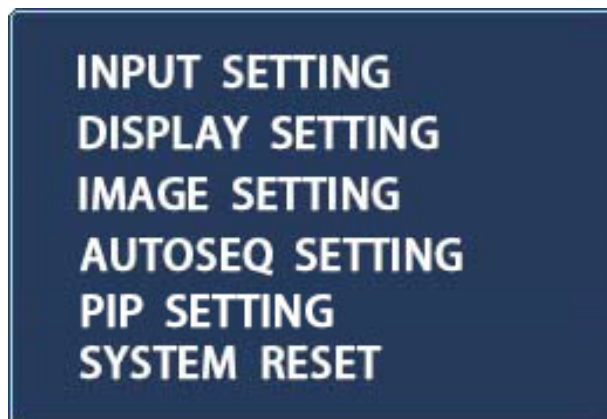Press the button to switch the output mode except the QUAD, single channel mode.

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 be exit the zoom mode for other operate.
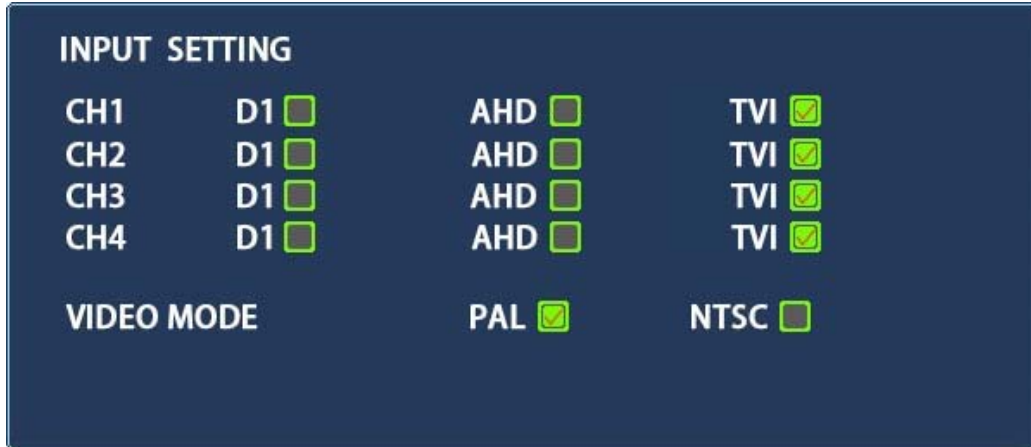
9．MENU Operation

Press the MENU button to show/hide the main menu. The main menu include 6 items as follow, press the UP/DOWN button to select the item, press the ENTER button to enter the item.
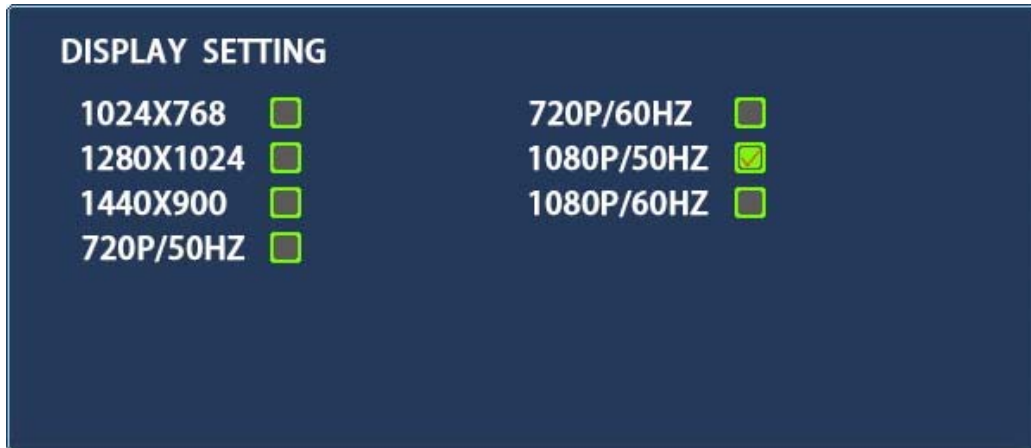
9.1 INPUT SETTING.

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.

- "D1/720P/1080P" :   The resolution of input video.
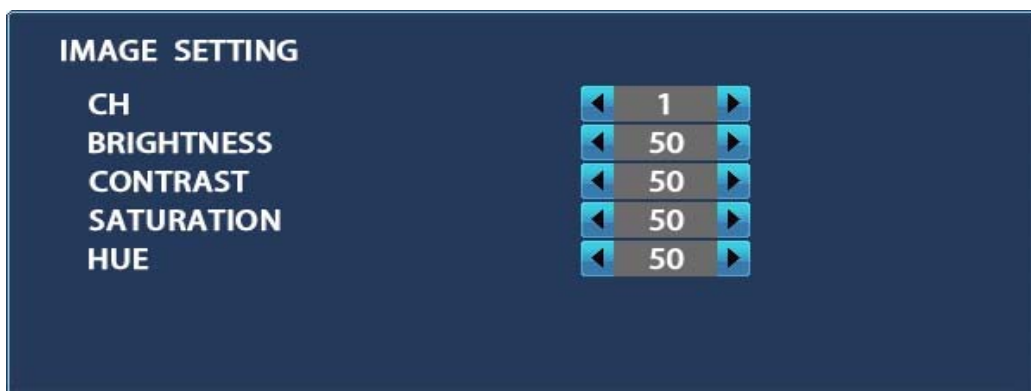- "PAL/NTSC"   :   The mode of input video。

9.2 DISPLAY 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.
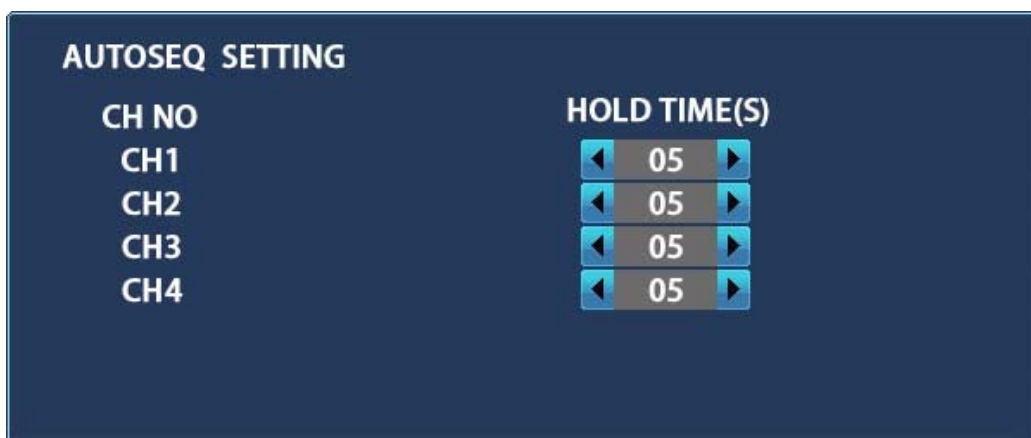

9.3 IMAGE SETTING

As follow, 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.

- "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).
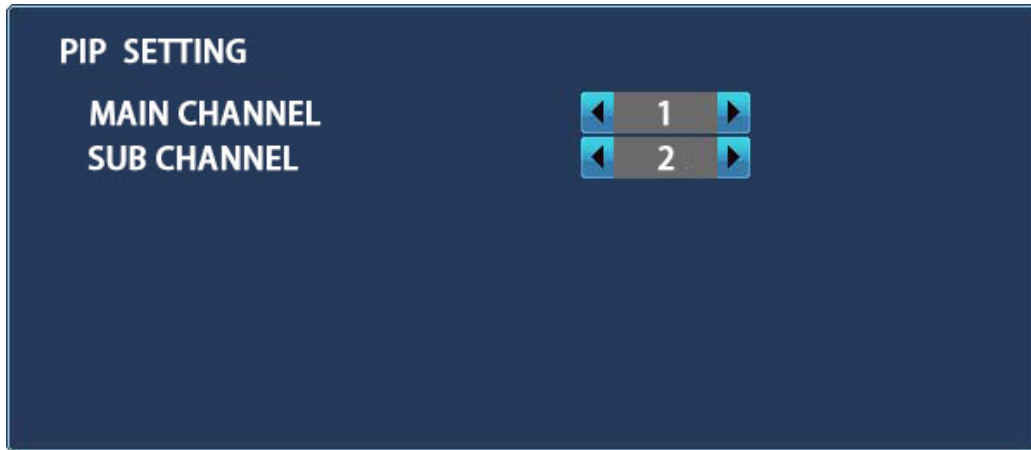- "HUE" : Adjust the hue of input video(0~99).

9.4 AUTOSEQ 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.
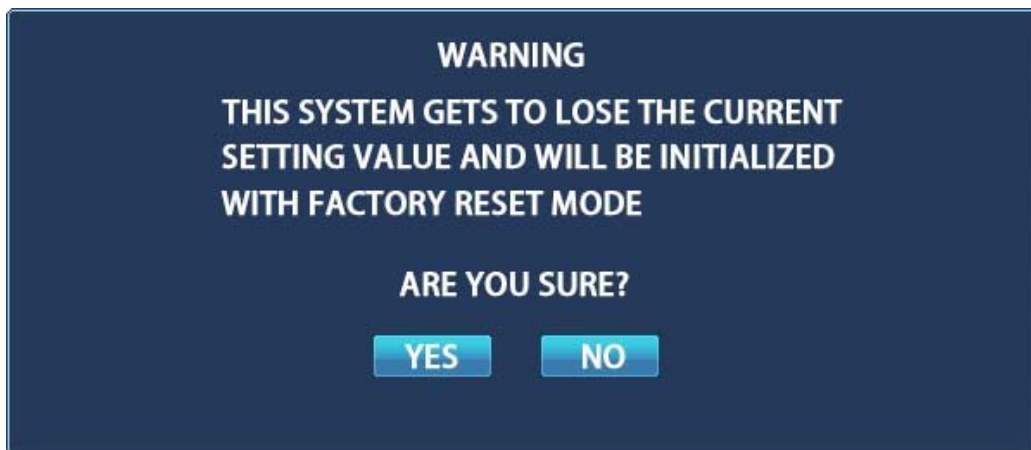

9.4 PIP SETTING

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.

9.5 SYSTEM RESET

As follow, move to the desired position using the LEFT/RIGHT button, press ENTER button to enter and back to the main menu.

10. Specifications

Model	HDQP
Video Input	4CH TVI/AHD/D1
Video Output	HDMI/VGA/CVBS
Power Supply	12V/1A
Consumption	<3W
Working Temperature	-10℃~+55℃
Working Humidity	10%~90%
Dimension	210x150x40mm
Weight	0.63kg