

EP4CQ – FHD

4-Channel FullHD Quad Video Processor

User's Manual



 **EverFocus**[®]

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1. INTRODUCTION

EverFocus EP4CQ-FHD is able to support up to 4 analog FHD cameras, allowing users to use different display modes: quad split, full screen, POP (Picture on Picture), and auto sequence for monitoring based on their preference.

The VGA output resolution support 1920x1080 1440x900 1366x768 1280x720 1280x1024 1024x768 (Other resolution can be customized). The CVBS output support 720x480 resolution at 60Hz for NTSC video format, and 720 x 576 at 50Hz for PAL video format systems.

2. MAIN FEATURES

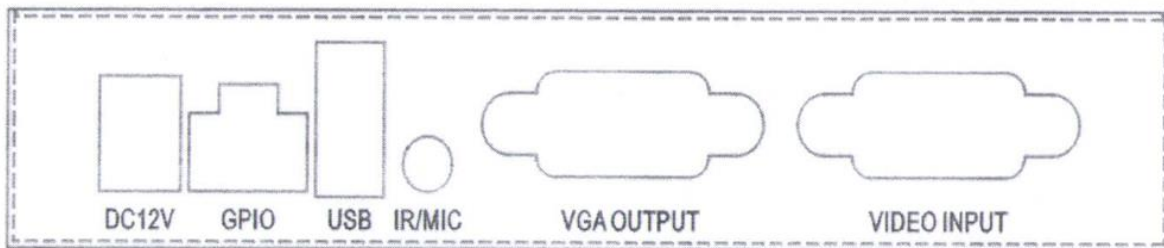
- H.264 video compression
- High resolution 1920x1080 (FHD camera input and VGA output)
- AHD 1080P/ AHD 720P/ 960H/ CVBS multiple video format mixed input
- PAL/NTSC video format automatic adaptation mixed input
- Real-time quad display (60 or 50 frames / sec), monitoring up to 4 images on the screen
- Option to watch a full screen or quadrant picture
- The video output can be set Top / Bottom / Left and Right deflate
- Build-in time and title generator
- Auto sequential switching function and adjustable dwelling time
- On screen video loss detection
- The brightness, contrast, saturation, hue and sharpness of each channel can be adjusted independently
- Independent H and V mirror adjustment of each channel
- User-friendly front panel design
- Multi-language for optional: English (default), Chinese

2.1 Packing List

• EP4CQ x 1	• Power Cord x 1
• Remote Controller x 1	• Power Adaptor x 1

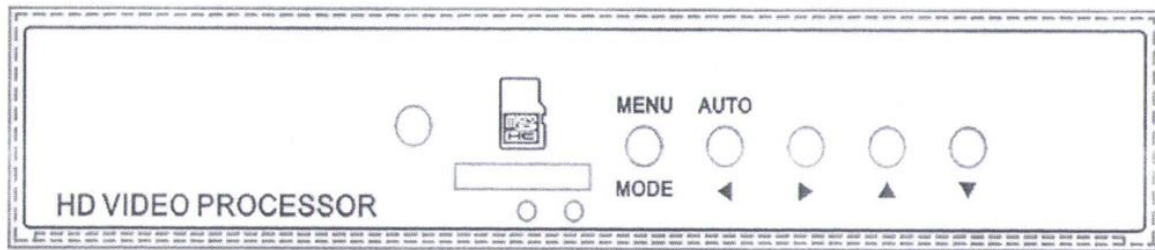
3. REAR PANEL / CONNECTION

EP4CQ-FHD



No	Connector	Description
1	DC 12V	Connects to the DC 12 V / 1A power using a power adapter. (8-36V wide voltage power supply)
2	GPIO	Connects to 1 monitor using a RCA cable.
3	USB	Upgrade firmware or backup video files
4	IR/MIC	Connects to 1.2 meter IR extension cord (Optional).
5	VGA OUTPUT	Connects to 1 monitor using a VGA cable.
6	VIDEO INPUT	Connects to 4 cameras using the coaxial cables.

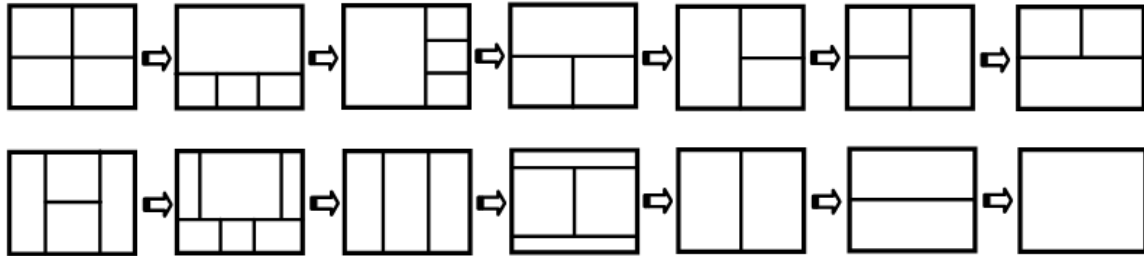
4. FRONT PANEL



No	Keys	Function Description
1	Reserved	Reserved for micro SD card
2	Menu	Long-press to enter / exit the OSD menu; Short-press to enter to the setup menu.
3	Auto	Long-press to enter / exit the auto sequence mode.
4	Mode	Short-press to switch display mode.
5	◀	In live view, press to display channel 3 in full screen / In OSD, it is used as the Left arrow key.
6	▶	In live view, press to display channel 4 in full screen / In OSD, it is used as the Right arrow key.
7	▲	In live view, press to display channel 1 in full screen / In OSD, it is used as the Up arrow key.
8	▼	In live view, press to display channel 2 in full screen / In OSD, it is used as the Down arrow key.

5. FRONT PANEL OPERATION

Press the MODE key to switch display modes, you can select the display mode in the menu according to your needs, and the MODE button that is not selected will not be displayed.



6. IR REMOTE CONTROL

No	Remote Panel	Function Description
1		POWER: Open/close the output display
2		MODE: Switch display mode
3		RETURN: Exit the OSD menu or return to quad view
4		OK: Enter the OSD menu or confirm
5		AV1: Channel 1 display in full screen
6		AV2: Channel 2 display in full screen
7		AV3: Channel 3 display in full screen
8		AV4: Channel 4 display in full screen

- Compression Format: H.264
- Viewing Resolution: 1920x1080

7. SPECIFICATION

Item	Specification
Video Output	1 VGA+1 CVBS (RCA)
Video Input	4 CH (AHD 1080P/ AHD 720P/ 960H/ CVBS)
Display	VGA: 1024x768 ~ 1920x1080 CVBS NTSC: 720x480 (60Hz) CVBS PAL: 720x576 (50Hz)
Timer	Built-in real-time clock
Auto Sequence	Yes (dwelling time 0-99Sec is adjustable)
Setup	OSD (On Screen Display) Setup
Remote Control	Yes
Power Supply	DC12V /24V (8-36V wide voltage power supply)
Power Consumption	DC12V/400mA
Temperature	0° C ~ 50° C / 32° F ~ 122° F
Humidity	20% ~ 80%
Dimensions	130 x 100 x 28mm/5.12" x 3.94" x 1.10"
Weight	400g

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This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste.
Please, dispose of this equipment at your local community waste collection/recycling centre.
In the European Union there are separate collection systems for used electrical and electronic product.
Please, help us to conserve the environment we live in!

Ihr EverFocus Produkt wurde entwickelt und hergestellt mit qualitativ hochwertigen Materialien und Komponenten, die recycelt und wieder verwendet werden können.
Dieses Symbol bedeutet, dass elektrische und elektronische Geräte am Ende ihrer Nutzungsdauer vom Hausmüll getrennt entsorgt werden sollen.
Bitte entsorgen Sie dieses Gerät bei Ihrer örtlichen kommunalen Sammelstelle oder im Recycling Centre.
Helfen Sie uns bitte, die Umwelt zu erhalten, in der wir leben!