1. INTRODUCTION

The Mini DVR-Video processor is able to support up to 4 analog HD 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
- Support Max 128G micro SD card (Memory card not included)
- The important record files locked will not be overridden or deleted
- High resolution 1920x1080 (Recording, HD 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, Chinese (Other languages can be customized)
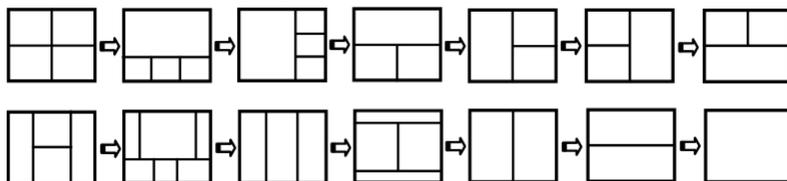
3. VARIOUS CONTROL METHODS

• User-friendly front panel design

• IR remote control

• RS485 / TTL control (Optional)

    The RS485 / TTL have the similar function as front panel key or remote control which receives the commands and execution
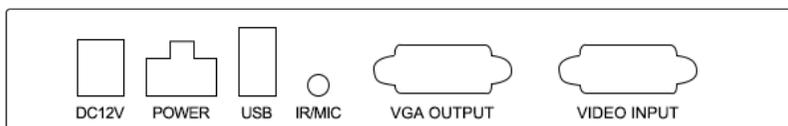
• High-level input voltage trigger control (Optional)

4. VARIOUS DISPLAY MODES

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.
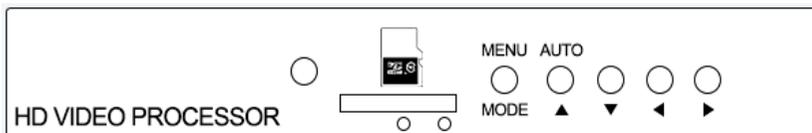

5. REAR PANEL / CONNECTION

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	POWER	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.

6. FRONT PANEL

No	Keys	Function Description
1	**TF Card Slot**	Support Max 128G micro SD card. (Loop Record)
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 1 in full screen / In OSD, it is used as the Up arrow key.
6	▼	In live view, press to display channel 2 in full screen / In OSD, it is used as the Down arrow key.
7	◄	In live view, press to display channel 3 in full screen / In OSD, it is used as the Left arrow key.
8	►	In live view, press to display channel 4 in full screen / In OSD, it is used as the Right arrow key.

7. 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

8. RECORD MANAGEMENT

• Storage Device: Micro SD Card

• Compression Format: H.264

• Recording Resolution: 1920x1080

Recording Video Quality	Recording Capacity for 10 Minutes	8G Hour	32G Hour	128G Hour
Common	110M	12H	48H	192H
Standard	220M	6H	24H	96H
High Definition	330M	4H	16H	64H
Super Definition	440M	3H	12H	48H

*Note: When a new memory card is inserted, it must be formatted in the menu. When the machine is working, hot-plug TF card is not allowed.

9. 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