

Year/month/day  
 Normal year and leap year can switch automatically.  
 Time format: HH-MM-SS      24 hours display mode.

Hour/minute/second  
 ↓      ↓      ↓

- ③ DECODER SETUP  
 Picture parameters of each channel shown below can be set respectively:
- ④ BRIGHTNESS
  - CONTRAST
  - SHARPNESS
  - SAT-U, SAT-V
  - HUE

To set the sensitivity of the motion detection, 1-7 levels and OFF mode can be chosen. OFF status means the motion detection function is ignored.  
 7 levels of the sensitivity of motion detection are defined for each channel. Press ↑, ↓ button to select the desired channel and press +, - to set the sensitivity. When the defined area detects moving things, system will alarm by setting the alarm terminal. (Alarm time can be set, refer to "OTHER" item.)

⑤ EVENT LIST  
 2 pages of "EVENT LIST" are available in this system. 10 events can be logged in each page. The registered data are channel no., event category (AL/M) as well as date and time. Press ↑, ↓ to change the log page. The current event will be the first register.  
 Note: A: alarm L: loss M: motion

⑥ AUTO SEQUENCE  
 To enable or disable auto sequence function. Each channel can be set to ON or OFF respectively. And the switching time can be set from 1sec to 99secs.

⑦ KEY LOCK  
 To lock/unlock the panel by pressing ↑, ↓, +, - buttons. While the control panel is at ON status, all buttons are disabled unless MENU button is pressed to enter KEY LOCK item to unlock the panel.

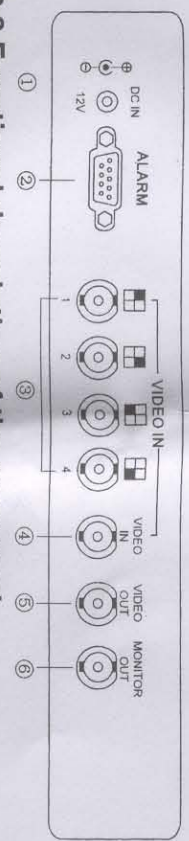
11. 9 pin socket (RS232 compatible connector)



Alarm device can be connected with the quad process

through the alarm input terminals.  
 Pins 1-4 are the alarm input terminals; Pins 5-6 are GND terminals; Pin 7 is the Normal ON interface for the relay; Pin 8 is the Common terminal for the relay; Pin 9 is the Normal OFF interface for the relay. When there is alarm signal input, the external components can be operated by closing or opening the relay.

**2.2 Rear Panel**



**2.3 Functional description of the rear panel:**

1. Power input: DC12V;
2. Alarm Output: connect with external alarm device;
3. Video In (CH1-CH4): Camera signal inputs.
4. VCR IN: VCR input, press PLAY button for the picture display from VCR, display as full screen or quad;
5. Video out: Display the picture from VCR;
6. Monitor Out: Video signal output to monitor, display as full screen or quad;

**3. SPECIFICATION:**

ITEMS	
RESOLUTION (H*V)	NTSC: 860X525, PAL: 860X625
REFRESH RATE	PAL: 25 Frame / Second; NTSC: 30 Frame / Second
VIDEO INPUT	a) 1Vp-p, 75 ohms, BNC*4(Camera input) b) 1Vp-p, 75 ohms, BNC*1 (VCR input)
VIDEO OUTPUT	a) 1Vp-p, 75 ohms, BNC x4 Looping (Camera output) b) 1Vp-p, 75 ohms, BNC*2 (Monitor & VCR output)
ALARM OUTPUT	YES
TIME/DATE/TTEL	YES
POWER CONSUMPTION	800mA
Input voltage	12VDC
DIMENSION (L*W*H) mm	218X198X43
WEIGHT (Kg)	1.5
OPERATING TEMPERATURE	-10 °C to 50 °C
BRIGHTNESS ADJUSTMENT	AVAILABLE

Specifications are subject to change without notice

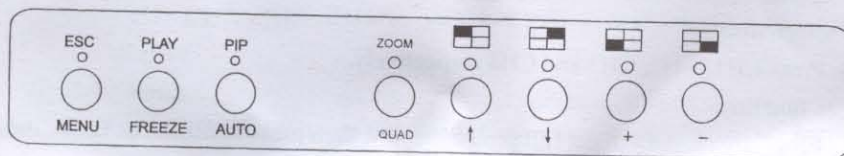
# Instruction Manual.

## 1. PRODUCT FEATURE.

- Image can be displayed quadrant or full screen.
- VCR can be connected to the machine to record or playback.
- Free of image shake or distortion when switching from channel to channel.
- EIA:25 Frames / Second, CCIR:30 Frames / Second
- OSD allows users to setup the device as desired.
- Date/Time and Title display available.





## 2. DESCRIPTION OF CONTROL BUTTONS

### 2.1 Front panel.



### Functions of Buttons

When each button is pressed, the corresponding LED above the button will be ON.

1. Press MENU button to enter SETUP MENU. This button can also be used as CONFIRM and EXIT.
2. Press FREEZE button to freeze the picture or display pictures from the VCR.
3. Press button AUTO to get the sequential displays of channel 1, channel 2, channel 3, channel 4, and Quad respectively and proceed in cycle. PIP function (Picture In Picture) can also be achieved by pressing the same button.
4. Press QUAD to display in quad mode. And 2X zoom function can also be achieved by pressing the same button.
5. Press button  to get full screen display for Channel 1. This button can also be used to move the cursor up/left while setting the menu.
6. Press button  to get full screen display for Channel 2. This button can also be used to move the cursor down/right while setting the menu.
7. Press button  to get full screen display for Channel 3. This button can also be used to increase the setup value or move the cursor left while setting the menu.
8. Press button  to get full screen display for Channel 4. This button can also be used to decrease the setup value or move cursor in right direction while setting the menu.