

Directory



A. System feature

B. Description of function of the front panel keys

C. The interface of back panel

D. menu

E. the remote controller

F. technology specification

G. the warning

A. System features

1. Connect the 1-8 line video signal of camera and then brightness, saturation, contrast color and sharpness.

2. High definition

NTSC mode: 720X 480, 60HZ PAL mode: 720X576. 50HZ

3. multiple display mode

eight frames, four frame, two frame, single frame, PIP (picture in picture) automatic inverting mode

4. Picture frozen function performance

Glitter picture catch

5. High performance picture amplifying function

The area to be zooming in can be selected.

6. The various fonts folded information

The title of camera, real time display and warning date/ video/moving detecting information

7. The four pictures and single picture mode recycle

8. There are multiple mode:

Warning input, video loss detection, moving detection can keep over 60 reports, the built in buzzer

B. the front panel instruction

the key definition: the short press should not longer than a seconds and the long press should be longer than 1 second

1. MENU key: Press it for a long time to enter main menu, press the short press key to enter page A or Page B
2. AUTO key: Press it for a long time to enter the picture shift. Short press is picture frozen
3. ZOOM : press it for a long time to zoom in and press it short timely for the first time is eight pictures and the second time is the picture in picture 1. The third time is picture in picture 2 and the forth time is two picture.
4. VCR key, press it for a long time and go to loop and press it short time to enter menu confirm key.
5. "1/5" key: It is the first and fifth passage of the camera. There are the up and left moving functions
6. "2/6" key: it is the second and sixth passage. There are down and right moving functions
7. "3/7" key: it is the third and seventh passage of the camera. There are left and decrease function
8. "4/8" key: it is the forth passage and the eighth passage. There are right increase functions

C. the back panel instruction

1. POWER: DC 12 V power input
2. ALARW: It is the outer warning input

3. MONITOR: To watch with real time after being connected to the monitor
- 4.VCR OUT: To photo VCR after being connected to VTR
- 5.VCR IN to play after being connected to VTR
- 6.CAMI-CAM8: It is the eight way input terminal. It can be connected to eight cameras

D . Menu

The steps:

Under any mode in the spot, press the MENU key for a long time and you can enter to the main ,menu.

1. Menu setting and modifying ways: press MENU and enter the main menu and press "Δ" to move the cursor to the selected items. Press ENTTER key to enter confirm and press "Δ" to move horizontally. Press- + " key and increase and decrease value.

SYSTEM SETUP	DISPLAY SETUP	AUTO SEQUENCE
Camera setup	motion	event setup event report

4.1 system setup (time, date, mode, reset setting)

In the main mode use “Δ ” and select “ SYSTEM” and press “ ENTER key to enter setting options.

DATE: yy- MM –DD

04 -01- -01

TIME: HH-MM: SS

12:00:00

SYSTEM FORMA: PAL

SYSTEM ID NUMBER: 01

KEY LOC: OFF

FACTORY RESE: ON

1. DATE is date: year, month, day. Setting the TIME is time : hour, minutes and second setting
2. SYSTEM IS THE PATTEN setting of NTSC and PAL
3. KEY LOCK is lock of the front lock
4. Factory reset: it is the factories

Note: set the NO to yes and press ENTER.

Confirm and select YES and press ENTER key to confirm and reset

4.2 DISPLAY SETUP (DISPLAY SETTING)

In the main menu mode use “ ” key and select PLAY with cursor and press ENTER key to inter the setting item

DISPLAY ON SCREEN

TITLE DATE TIME

Screen position X: 0

Y:0

BORDER COLOR

BLACK

GRAY1

GRAY2

WHITE

OFF

1. TITLE is the title switch of the camera
2. date the date switch
3. TIME is the time switch
4. SCREEN POSTION are the setting of coordinate division
5. Black is the black color and GRAY 1 is grey and GRAY2 is offwhite . OFF is division switch.

4.3 AUTO SEQUENCE (automatically shift setting)

Under the main menu “ ” key to select AUTO and press ENTER key to enter the setting item

PAGE A QUAD	01	SEC
CAMERA1	01	SEC
CAMERA 2	01	SEC
CAMERA 3	01	SEC
CAMERA 4	01	SEC
RAGEB QUAD	01	SEC
CAMERA 1	01	SEC
CAMERA2	01	SEC
CAMERA 3	01	SEC
CAMERA 4	01	SEC

1. PAGE A means the channel shift time of QUADA AND and CAM4 pictures picture.

PAGE B means the channel shift time of QUAPB and CAM5-CAM8

4.4 CAMERA SETUP(CAMERA SETTING)

Use the “ ” key to select CAMERA SETUP and then press “ ENTER” to enter setting item

CAMERA 1

Picture

TITLE	CAMERA
BRIGHTNESS	0
CONTRAST	0
SATURATION	0
HUE	0
SHARPNESS	0
MIRRORING	OFF

“ TITLE” means the title setting mode. Press “-+” and the font box will appear. You can change the title according to the word in the box

BRIGHTNESS CONTRAST SATURATION HUE SHARPNESS are adjustable brightness, contrast, hue and sharpness.

MIRRORING is the photo setting mode. When the setting is selected to be ON, the input signal will be displayed in with contrast direction. The default setting is OFF. Press MENU to exit

4.5 MOTION SETUP

In the main menu mode, use “ ” to select MOTION SETUP and press ENTER to enter the setting item

CAMERA : 1

PICTURE

DETECTION	TIME
ALWAYS	ON
ON	11:00
OFF	12:00
SENSITIVITY	0
VELOCITY	0
MASKING	AREA
X, Y	(00, 00)

1 .“ DETECTION TIME ” is the switch setting of the detecting time and it is available when the setting is in the state of“ ALWAYS ON”.

2. SENSITIVITY means the sensitivity of detection

3. MASKING AREA means the area coordinate of detection

4.6 EVENT SETUP(BUZZER ALART SETTING)

in the main menu, use the “Δ ” and select EVENT SETUP and then press enter key to enter the

setting options.

BUZZER/REPORT

CONTROL

CHANNEL	1	2	3	4	5	6	7	8
ALARM								
LOSS	V							
MOTION	■	■■■	■	■	■	■	■	

BUZZER HOLD TIME: 05 SEC

REPORT HOLD TIME: 30 SEC

ALARM POLARITY: LOW

1. ALARM, LOSS MOTION mean extended warning, video loss, and moving detection open/close setting
2. BUZZER HOLD TIME means the extended time of buzzer alarm
3. Report hold time means the extended time of the recorded events
4. ALARM PLARITY is the high and low voltage setting of the buzzer
- 4.7 EVENT REPORT (Alarm record)

In the main menu, use “Δ” key and select EVENT REPORT and press Event report and press Event Enter to go to the setting items.

NO	DD-MM-YY	HH:MM:SS	CH	EVENT
01				
10				

LIST CLEAR : NO

1. NO. DD-MM-YY HH:MM:SS, CH, EVENT are respectively are the type of number, date, time, passage and event .

2. LIST CLEAR is to clear all record

Note: Set NO TO be yes and press ENTER to confirm and be empty. The report are 6 pages in total. 60 records can be recorded.

E. The remote code

	EXECUTION
“m”	MODE
“Z”	ZOOM
“D”	VCR
“F”	freeze
“a”	auto
“1”	CH1/SETUP UP
“2”	CH2/SETUP DOWN
“3”	CH3/SETUP LEFT
“4”	CH4/SETUP RIGHT
“G”	GROUP SELECT

F. TECHNIC SPECIFICATION

VIDEO STANDARD	PAL: 50 field/ second NTSC: 60 field/second
definition	PAL:70X576 NTSC: 720X 480
tape input	1.0 Vp- P75 INPUT
tage out	1.0 Vp- P75 output
Alarm mode	Video lost warning, touch and start mode, moving detection warning
Video input mode	Full screen, electronic amplifying, eight pictures , four pictures, PIP and automatic shift
Working voltage	DC 12 V/1A
Environmental temperature	-30 -60

G . The outer alert output pipe distribution

There are two warning socket in the back panel. They can be linked as the base by the open pin to close pin. The output pipes are distributed as follows:

Pin position	Value	Pin position	Value
1	Alarm input 4	1	Alarm input 8
2	Alarm input 3	2	Alarm input 7
3	Alarm COM	3	Alarm COM
4	Alarm input2	4	Alarm input 6
5	GND	5	GND
6	Alarm no	6	Alarm no
7	Alarm no	7	Alarm no
8	null	8	null
9	Alarm input 1	9	Alarm input 5

1. ALARM INPUT 1-8 are the input pins of the high voltage warning
2. COM, GND, NO, and NC are the shared fields are of warning, the open pin ,close pin and NULL are the empty pin.