Quick Start Guide

Item Number: IV-DVFH6100IRG-F-M

IV-DVFH6100IRW-F-M

Thank you for purchasing our products. Please read the cut-sheet carefully before operating.

Safety Precaution

	Warning	
⚠	Don't dismantle without authority, becareful thunder striking.	⚡
Note: To avoid thunder-strking, please don't open the backcover, the maintenance must be made by our authorized serviceman.		

Warning

* To prevent fire or shock hazard, please do not immerse the unit into the water
  for a long period of time.
* Please make sure the adapter used is consistent with product specifications,
  Otherwise, it might cause fire, electric shock or damage.
* Pay attention to polarity of the adapter, it might cause some accidents like fires,
  and will burn out the camera.
* Please don't connect multiple cameras with the same adapter at the same time;
  overloading of adapter capacity may cause fires.
* Power supply must be firmly fixed so as not to cause fires.
* If the device gets abnormal smell or smoke, please stop it immediately and
  contact our customer service center.
* If the camera doesn't work, please do not dismantle it by yourself.
  Please contact our local distributor or our maintenance office to trouble shoot,
  Otherwise, the warranty is voided.
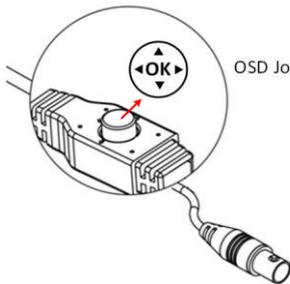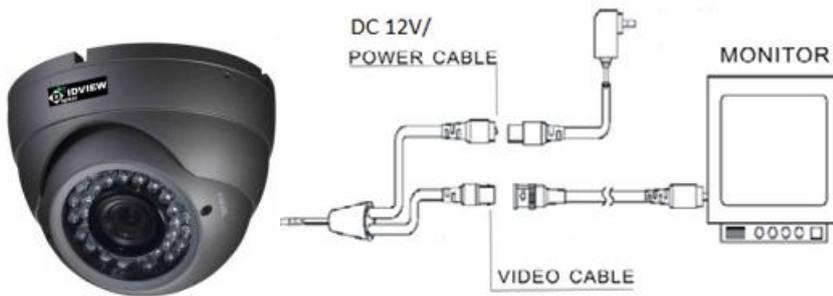* Please do not splash water on the product components when cleaning.

Technical Specifications

Item Number:	IV-DVFH6100IR-F-M
Signal System:	TVI / CVI / AHD / CVBS
Sensor CCD:	Progressive Sensor
Resolution:	720P
Lens:	2.8-12mm

OSD:	Yes
Minimum Illumination:	0 LUX (IR ON)
S/N Ratio:	More than 52 dB
Distance:	100-115ft
LED:	36 PCS LED
Video Output:	TVI / CVI / AHD / CVBS
Connector video:	BNC
Operation Temperature:	-4°F to +122°F
Supplied Power:	12VDC(+/-10%);

Installation

1. Connect the terminated power wire of the cable directly to the AC or DC power source.
2. Connect the BNC output of the Camera to an extension cable, or directly to
   a DVR / Observation System or to a TV/Monitor.
3. Fix up the pedestal on the ceiling, fix up the screw of pedestal.
4. Aim and adjust the "Field of View" as desired, then fix up the screw of horizontal angle.
5. Next, choose a satisfactory angle at which to aim the camera then connect the
   screw of declining angle.

Push the Joystick up / down to select among menu items.

Push the Joystick left / right to adjust the level of the selected item.

Press the Joystick to enter the submenu or exit the OSD Setup Menu.

Note: The function button is not only for direction control, also for switch video output mode. Please follow the detailed instruction as below:

- ✧ Push the joystick "UP" button key 5 seconds to AHD mode
- ✧ Push the joystick "DOWN" button key 5 seconds to CVI mode
- ✧ Push the joystick "LEFT" button key 5 seconds to TVI 2.0 mode
- ✧ Push the joystick "RIGHT" button key 5 seconds to CVBS mode

Note: Each boot only switch video mode once, if you need to switch again to reboot it again:

Troubleshooting

1. No picture or unstable - Check the connection for video cable and/or power cable.
2. The image is so blurred
   1) Check if there is some dirt on the lens, then use customized lens paper or

cotton with alcohol to clean.

3. The image is so dim - Adjust the CNT of monitor and iris

4. Screen color cast in the special environment - Adjust direction

5. The screen glittering - The camera might face to the sun, TV set or computer.

6. The camera works abnormal; the surface over-heat; has peculiar smell, smoke etc.

- Please cut off the power supply immediately. Secondly, check the connection to

the power supply. If the camera is deemed faulty, send it back to your vendor or authorized reseller for repair.

Accessory List

No.	Name	Quantity	Remark
1	CCTV Camera	1	
2	User Manual	1	
3	Screw	1	

* If the camera doesn't work, please do not dismantle it by yourself.

  Please contact our local distributor or our maintenance office to trouble shoot,

  Otherwise, the warranty is voided.

* Please do not splash water on the product components when cleaning.

Configuration in the OSD Menu

You can use the PTZ control on the DVR to configure camera settings in the OSD menu. The OSD menu structure is as below:

No.	MENU	SUB MENU	SUB MENU / FUNCTION		
1	EXPOSURE	G AE	BRIGHTNESS	LOW MIDDLE HIGH	
		BLC	INTENSITY	LOW MIDDLE HIGH	
2	SHUTTER MODE	AUTO			
		MANUAL	1/100000,1/10000,1/5000,1/2000,1/500,1/240,1/120,1/60		
3	AGC	MODE	ON OFF		
		INTENSITY	LOW MIDDLE HIGH		
4	AWB	ATW1 ATW2 ATW3			
5	IMAGE ADJ	SHARPNESS	0~65(*)~100		
		HDNR	0~80(*)~100		
		CONTRAST	0~50(*)~100		
		SATURATION	0~50(*)~100		
		R GAIN	0~45(*)~100		
		G GAIN	0~50(*)~100		
		B GAIN	0~50(*)~100		
		PARA I	0(*)~531		
		PARA V	0		
6	DAYNIGHT	EXT	D TIME	0~1(*)~100	
		COLOR			
		BLACKWHIT			
		AUTO GEN	D CTRL	0~1(*)~100	
			DAY2NIGHT	0~80(*)~100	
			NIGHT2DAY	0~70(*)~100	
7	SYSTEM	LANG	ENG/ CHN		
		TV GAMMA	LOW MIDDLE HIGH(*)		

		TV BRIGHT	LOW MIDDLE(*) HIGH
		TV SYSTEM	NTSC / PAL
8	BAD PIXEL	MODE	ON OFF
		INTENSITY	LOW MIDDLE HIGH
9	PRIVACY MASK	MODE	MOSAIC /DEF COLOR
		DEF COLOR	0~1(*)~15
		SELECT	0~(1*)~4
		SWITCH	OFF(*)~ON
		RANGE	
10	HLC	MODE	OFF(*)~ON
		BLACKNESS	0(*)~100