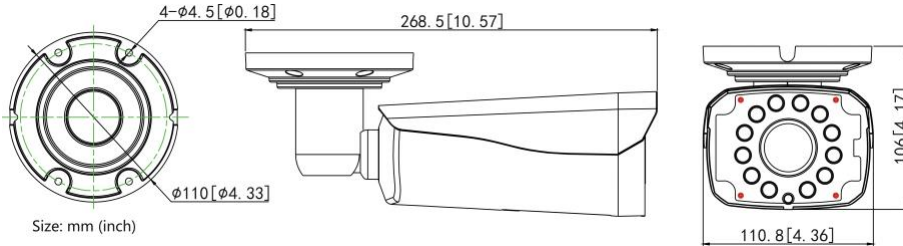


Analog High Definition 4 IN 1 IR Camera

● ITEM No: **PAR-ALLBIRA650DN**



● **Caution for Installation**

1. In order to prevent electronic shock, don't loosen any screws or covers.
2. Do not directly touch the front glass. If necessary, use a soft cloth moistened with alcohol to wipe off the dust.
3. Avoid places where there are frequent vibrations or shocks.
4. Don't operate the camera beyond its temperature, power source ratings.
5. When any abnormalities happen, make sure to unplug the camera and contact your local dealer.

● **Packing**

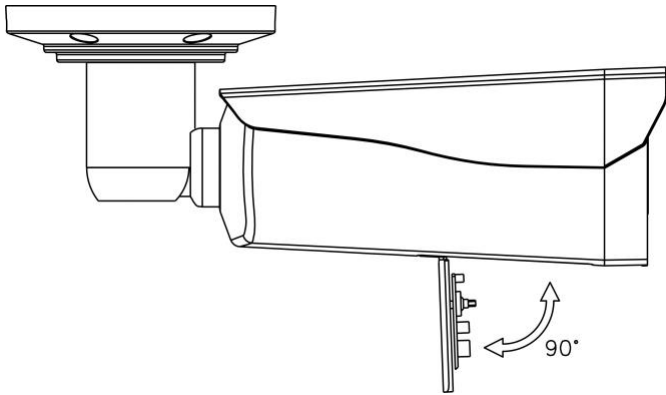
- | | |
|---------------------------|----|
| 1. Camera | X1 |
| 2. User Manual | X1 |
| 3. Screw | X4 |
| 4. Plastic-Conical-Anchor | X4 |
| 5. Hexagonal Wrench | X1 |
| 6. Mounting drawing paper | X1 |
| 7. Video Line | X1 |
| 8. Base plug | X1 |

● **Specification**

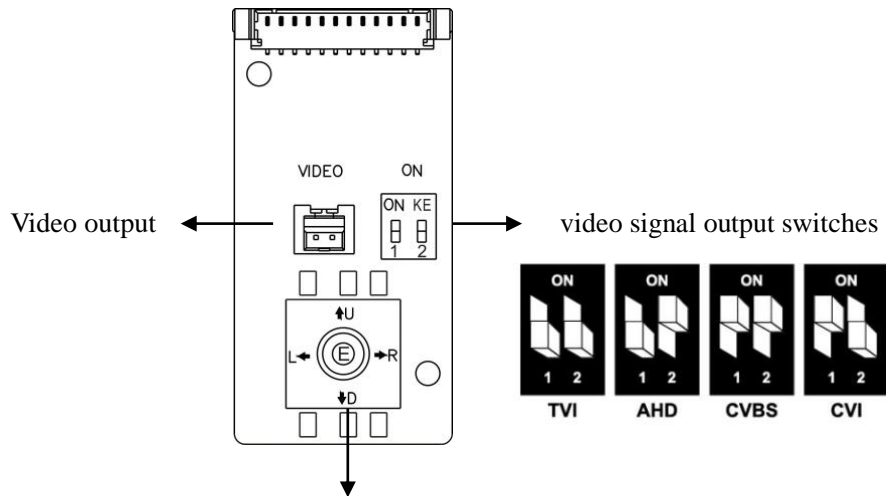
ITEM	PAR-ALLBIRA650DN
IP Rating	IP67
Type	Removable IR Cut Filter
Signal System	NTSC/PAL
Pick Up Device	1/2.8" 5M SONY CMOS
Picture Elements	2688 (H)X1944 (V)
Min Illumination	0Lux (12Pieces IR LED ON)
S/N Ratio	≥56B
Lens	6-50mm Motorized Varifocal Fixed Iris Lens
3D	ON
WDR	ON/OFF
OSD	YES
Video Out-put	HD-AHD/HD-TVI/HD-CVI/CVBS
Power Supply	DC12V ±10%/AC24V±10%
Current Consumption	DC12V:1400mA(MAX)/AC24V:400mA(MAX)
IR Effect Distance	110m (360.6ft)
Dimension	268.5x110.8X106mm (10.57"×4.36" ×4.17")
Weight	1290g
Storage Temperature	-30~+60°C (-22~+140°F)
Operating Temperature	-30~+50°C (-22~+122°F)

Remark: Non-regulative adaptor may cause camera damaged.

● OSD Control on Panel



✧ Loosen the screw on the OSD panel, Open the OSD panel, Adjust OSD joystick on the panel.



- *L-for left direction
- *R-for right direction
- *U-for upwards direction
- *D-for downwards direction
- *E-for OSD menu

● DVR Coaxial Signal Control and Auto Focus Lens

1) Menu

(1) shows the up, down, left and right direction of the menu;

(2) shows the enter/confirm button of the menu

2) Lens Auto Focus

As shown in Picture, (2) shows lens focus (Near/Far) of the Auto focus lens, and (3) shows Zoom(wide/tele) of the AUTO focus lens. When Keep pressing “Focus” or “Zoom” buttons, the lens will keep moving, only after “Focus” or “Zoom” button without pressing, the lens will focus automatically.



OSD Menu

MENU

MENU			
IRIS	ELC	1. IRIS	ELC/ALC
MOTORIZED	↓	2. MOTORIZED	↓
EXPOSURE	↓	3. EXPOSURE	↓
BACKLIGHT	OFF	4. BACKLIGHT	OFF/HLC/BLC/WDR
DAY&NIGHT	↓	5. DAY&NIGHT	↓
COLOR	↓	6. COLOR	↓
DNR	MIDDLE	7. DNR	OFF/LOW/MIDDLE/HIGH
IMAGE	↓	8. IMAGE	↓
MOTION	OFF	9. MOTION	OFF/ON
SYSTEM	↓	10. SYSTEM	↓
EXIT	↓	11. EXIT	↓

MOTORIZED

MOTORIZED			
AF MODE	ONESHOT	1. AF MODE	ONESHOT
D&N FILTER	SYNC OFF	2. D&N FILTER	SYNC OFF
AUTO TRACE	ON	3. AUTO TRACE	ON
RETURN	↓	4. RETURN	↓

BACKLIGHT

HLC	
LEVEL	10 []
COLOR	BLK
RETURN	↵

1. LEVEL	0-20
2. COLOR	YEL/CYN/GRN/MAG/RED/BLU/BLK/WHT
3. RETURN	↵

BLC	
H-POS	11
V-POS	10
H-SIZE	3
V-SIZE	3
RETURN	↵

1. H-POS	0-26
2. V-POS	0-24
3. H-SIZE	0-26
4. V-SIZE	0-24
5. RETURN	↵

WDR	
WDR MODE	FRAME
ROI MODE	OFF
WEIGHT	HIGH
RETURN	↵

1. WDR MODE	FRAME/LINE
2. ROI MODE	OFF/BOX ↵ /POLYGON ↵
3. WEIGHT	LOW/MIDDLE/HIGH
4. RETURN	↵

EXPOSURE

1. BRIGHTNESS	10 []
2. SHUTTER	AUTO
3. SENS-UP	X2
4. AGC	10 []
5. RETURN	↵

1. BRIGHTNESS	0-20
2. SHUTTER	AUTO ↵ /MANUAL ↵ /FLICKER
3. SENS-UP	OFF/X2 /X4 /X8/X16/X32
4. AGC	0-10
5. RETURN	↵

DAY&NIGHT

EXTERN	
1. MODE	EXTERN
2. IR LED	OFF
3. ANTI-SAT	NOT USED
4. EXTERN SW	HIGH
5. D>N LEVEL	13 []
6. N>D LEVEL	14 []
7. DELAY	LOW
8. RETURN	↵

1. MODE	EXTERN
2. IR LED	OFF/LFULL
3. ANTI-SAT	NOT USED/0-20
4. EXTERN SW	LOW/HIGH
5. D>N LEVEL	0-20
6. N>D LEVEL	0-17
7. DELAY	LOW/MIDDLE/HIGH
8. RETURN	↵

COLOR	
1. AWB	AUTO
2. COLOR GAIN	13 []
3. RETURN	↵

1. AWB	AUTO/AUTOext/PRESTT /MANUAL ↵
2. COLOR GAIN	0-20
3. RETURN	↵

IMAGE

1. SHARPNESS	7 []
2. GAMMA	0.05
3. MIRROR	OFF
4. FLIP	OFF
5. D-ZOOM	1.0X
6. ACE	LOW
7. EDFOG	OFF
8. SHADING	OFF
9. PRIVACY	↵
10. RETURN	↵

1. SHARPNESS	0-10
2. GAMMA	0.45/0.55/0.65/0.75
3. MIRROR	OFF/ON
4. FLIP	OFF/ON
5. D-ZOOM	1.0X-16.0X
6. ACE	LOW/MIDDLE/HIGH
7. EDFOG	OFF/ON ↵
8. SHADING	OFF/ON ↵
9. PRIVACY	↵
10. RETURN	↵

MOTION

1. DET WINDOW	↵
2. SENSITIVITY	5
3. MOTION OSD	OFF
4. TEXT ALARM	OFF
5. SIGNAL OUT	OFF
6. RETURN	↵

1. DET WINDOW	↵
2. SENSITIVITY	0-10
3. MOTION OSD	OFF/ON
4. TEXT ALARM	OFF/ON
5. SIGNAL OUT	OFF/ON
6. RETURN	↵

DET WINDOW	
1. WINDOW USE	0
2. WINDOW ZONE	ON
3. DET H-POS	1
4. DET V-POS	1
5. DET H-SIZE	78
6. DET V-SIZE	43
7. RETURN	↵

1. WINDOW USE	0-3
2. WINDOW ZONE	OFF/ON
3. DET H-POS	0-8
4. DET V-POS	0-45
5. DET H-SIZE	0-80
6. DET V-SIZE	0-45
7. RETURN	↵

SYSTEM

1. COMM	↵
2. OUTPUT	↵
3. IMAGE RANGE	FULL
4. COLOR SPACE	HD-CbCr
5. MONITOR	MON1
6. COLOR BAR	OFF
7. LANGUAGE	ENG
8. CAM TITLE	OFF
9. RESET	ON
10. RETURN	↵

1. COMM	↵
2. OUTPUT	↵
3. IMAGE RANGE	FULL/COMP/USER ↵
4. COLOR SPACE	HD-CbCr/YUV/SD-CbCr
5. MONITOR	MON1-3
6. COLOR BAR	OFF/ON
7. LANGUAGE	ENG/CHN/DHN(S)/JPN/KOR
8. CAM TITLE	OFF/ON
9. RESET	ON
10. RETURN	↵

COMM	
1. CAM ID	1
2. BAODRATE	115200
3. RETURN	↵

1. CAM ID	0-255
2. BAODRATE	2400/4800/9600/57600/115200
3. RETURN	↵

OUTPUT	
1. FRAME RATE	1440P 30
2. FREQ	60HZ
3. SDI MODE	EXSDI
4. ANALOG MODE	TVI
5. CONFIRM	YES
6. RETURN	↵

1. FRAME RATE	720P 25/30 1080P25/30 1440P 25/30 1944P 12.5/20 50HZ/60HZ
2. FREQ	
3. SDI MODE	OFF/EXSD1/EXSD1-V1.0/EXSD1-V2.0
4. ANALOG MODE	OFF/CVBS/AHD/TVI/CV1
5. CONFIRM	YES
6. RETURN	↵

EXIT

EXIT	
1. EXIT	RESET ↵

1. EXIT	SAVE&END#/RESET#/NOT SAVE#
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