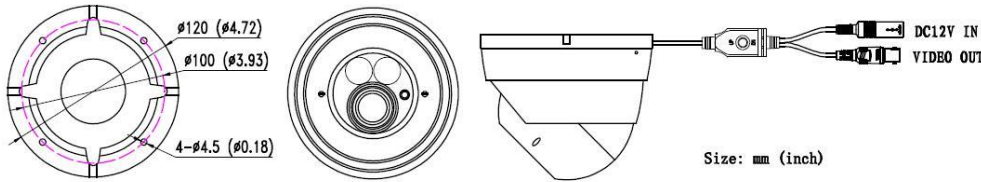# Analog High Definition 4 IN 1 IR Camera

● **ITEM №: CIR-HSR46GBC**

Size: mm (inch)

● **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.
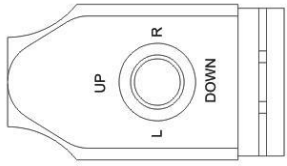
● **Packing**

1. Camera   X1
2. User Manual   X1
3. Screw   X4
4. Plastic-Conical-Anchor   X4
5. Hexagonal Wrench   X1
6. Mounting drawing paper   X1

● **Specification**

ITEM	CIR-HSR46GBC
IP Rating	IP66
Type	Removable IR Cut Filter
Signal System	NTSC/PAL
Pick Up Device	1/2.7" 2.1 Mega Pixels CMOS
Picture Elements	1920(H)X1080(V)
Min Illumination	0Lux（2Pieces super high power IR LED)
S/N Ratio	≥52dB
Lens	2.8-12mm Varifocal Fixed iris IR Lens
3D/2D	ON
SENS-UP	ON
IR SMART	ON
White Balance	ATW
Back Light Compensation	OFF
DWDR	ON/OFF
OSD	YES
Video Out-put	HD-AHD /HD-TVI/HD-CVI/ CVBS
Power Supply	DC12V ±10%
Current Consumption	460mA(MAX)
IR Effect Distance	25~30M （82~ 98ft）(indoor)
Dimension	Φ120×100mm（Φ4.72"×3.93" ）
Weight	790g
Storage Temperature	-30～+60℃(-22～+140℉)
Operating Temperature	-30～+40℃(-22～+104℉)

Remark: Non-regulative adaptor may cause camera damaged.

● **Use the OSD joystick to switch the camera to:**

Press the button for OSD menu

Switch from CVBS: Press Left for 5 Seconds

Switch from 1080P AHD: Press Right for 5 Seconds

Switch from 1080P CVI: Press UPward for 5 Seconds

Switch from 1080P TVI: Press Downward for 5 Seconds

OSD Menu

MAIN MENU

MAIN MENU					
1. LENS	MANUAL	1	LENS	MANUAL/DC#
2. EXPOSURE	↵	2	EXPOSURE	#
3. BACKLIGHT	OFF	3	BACKLIGHT	OFF/BLC#/HSBLC#
4. WHITE BAL	ATW	4	WHITE BAL	ATW/AWB/AWC-SET/INDOOR/OUTDOOR/MANUAL#
5. DAY&NIGHT	EXT↵	5	DAY&NIGHT	AUTO#/COLOR/B/W#/EXT#
6. NR	↵	6	NR	#
7. SPECIAL	↵	7	SPECIAL	#
8. ADJUST	↵	8	ADJUST	#
9. EXIT	SAVE&END↵	9	EXIT	SAVE&END#/RESET#/NOT SAVE#

LENS

DC LENS MODE				
1. MODE	INDOOR	1	MODE	INDOOR/OUTDOOR#
2. IRIS SPEED	8	2	IRIS SPEED	0-15
3. RETURN	RET↵	3	RETURN	RET#

EXPOSURE

EXPOSURE				
1. SHUTTER	AUTO	1	SHUTTER	AUTO/ 1/30 / 1/60 / FLK / 1/240 / 1/480 / 1/1000 / 1/2000 / 1/5000 / 1/10000 / 1/50000 / X2 / X4 / X6 / X8 / X10 / X15 / X20 / X25 / X30
2. AGC	7	2	AGC	0-15
3. SENS-UP	AUTO↵	3	SENS-UP	AUTO#
4. BRIGHTNESS	56	4	BRIGHTNESS	1-100
5. D-WDR	OFF	5	D-WDR	OFF/AUTO/ON#
6. DEFOG	OFF	6	DEFOG	OFF/AUTO#
7. RETURNL	RET↵	7	RETURN	RET#

DEFOG				
1. POS/SIZE	↵	1	POS/SIZE	POSITION/SIZE/RET AGAIN
2. GRADATION	0	2	GRADATION	0-2
3. DEFAULT	↵	3	DEFAULT	#
4. RETURN	RET↵	4	RETURN	RET#

BACKLIGHT

BLC				
1. LEVEL	MIDDLE	1	LEVEL	MIDDLE/LOW/HIGH
2. AREA	↵	2	AREA	POSITION/SIZE/RET AGAIN
3. DEFAULT	↵	3	DEFAULT	#
4. RETURN	RET↵	4	RETURN	RET#

DAY&NIGHT

B/W				
1. BURST	OFF	1	BURST	OFF/ON
2. IR SMART	OFF	2	IR SMART	OFF/ON#
3. RETURN	RET↵	3	RETURN	RET#

D&N AUTO				
1. D--N(AGC)	18	1	D--N(AGC)	1-255
2. D--N(DELAY)	58	2	D--N(DELAY)	0-60
3. N--D(AGC)	6	3	N--D(AGC)	1-255
4. N--D(DELAY)	45	4	N--D(DELAY)	0-60
5. RETURN	RET↵	5	RETURN	RET#

NR

NR				
1. 2DNR	MIDDLE	1	2DNR	HIGH/MIDDLE/LOW/OFF
2. 3DNR	MIDDLE	2	3DNR	HIGH/MIDDLE/LOW/OFF
3. RETURN	RET↵	3	RETURN	RET#

SPECIAL

SPECIAL				
1. CAM TITLE	ON↵	1	CAM TITLE	OFF/ON#
2. D-EFFECT	↵	2	D-EFFECT	FREEZE/MIRROR/NEG.IMAGE/RETURN
3. MOTION	OFF	3	MOTION	OFF/ON#
4. PRIVACY	OFF	4	PRIVACY	OFF/ON#
5. LANGUAGE	ENG↵	5	LANGUAGE	ENG#/CHN1#/CHN2#/GER#/FRA#/ITA#/SPA#/POL#/RUS#/POR#/NED#/TUR#
6. DEFECT	↵	6	DEFECT	#
7. RS485	↵	7	RS485	#
8. RETURN	RET↵	8	RETUTN	RET#

D-EFFECT				
1. FREEZE	ON	1	FREEZE	OFF/ON
2. MIRROR	OFF	2	MIRROR	OFF/MIRROR/V-FLIP/ROTATE
3. NEG. IMAGE	OFF	3	NEG.IMAGE	OFF/ON
4. RETURN	RET↵	4	RETURN	RET#

DEFECT				
1. LIVE DPC	ON↵	1	LIVE DPC	OFF/ON
2. WHITE DPC	ON↵	2	WHITE DPC	OFF/MIRROR/V-FLIP/ROTATE
3. BLACK DPC	ON↵	3	BLACK DPC	OFF/ON
4. RETURN	RET↵	4	RETURN	RET#

ADJUST

ADJUST				
1. SHARPNESS	AUTO↵	1	SHARPNESS	OFF/AUTO#
2. MONITOR	LCD↵	2	MONITOR	LCD#/CRT#
3. LSC	ON	3	LSC	OFF/ON
4. VIDEO OUT	PAL	4	VIDEO OUT	NISC/PAL
5. RETURN	RET↵	5	RETURN	RET#

EXIT

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