

3 AXIS DOME CAMERA SERIES



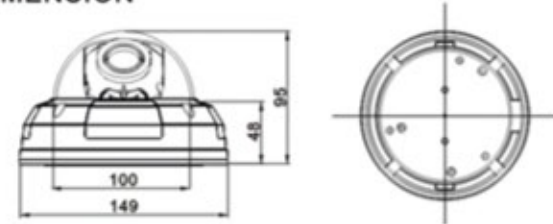
► FEATURES

- 1/3" SONY CCD
- 560 TVL
- 65ft / 20m IR Range
- IP66 Weatherproof
- DC 12V / AC 24V

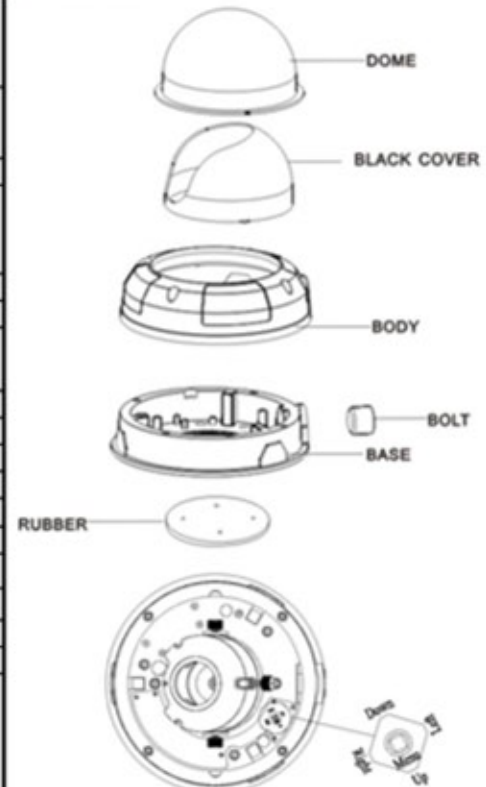
1. Camera Specifications

SPECIFICATION		NTSC	PAL
POWER		DC12V±10%/AC24V±10%,Max. 2.0W	
C C D	Sensor	1/3 inch, Sony CCD(ICX638, ICX639)	
	Total Pixels	811 (H) ×508 (V)	795 (H) ×595 (V)
	Effective Pixels	768 (H) ×494 (V)	752 (H) ×582 (V)
	Scanning System	2:1 Interlace	2:1 Interlace
Synchronization		Internal / Line Lock	
O.S.D		Available	
E L E C T R I C A L	Backlight	BLC / HLC / OFF Selectable	
	Resolution	COLOR: 560TV Lines(Typ.)	
	S/N(Y signal)	52dB(AGC off, Weight ON)	
	Min. illumination	0.15 Lux / F1.2(Color)	
	White Balance	ATW / AWC / Manual / Outdoor(1800°K~10,500°K) Indoor(4500°K~8,500°K)	
	Electronic shutter speed	1/60sec~1/120,000sec	1/50sec~1/120,000sec
	Sense-up	AUTO / FIXED / OFF (selectable limit x2~x256)	
	Gain Control	LOW / HIGH / OFF Selectable	
	DNR	OFF/ON(1~32 Level Adjustable)	
	Motion Detection	OFF/ON(8 Zone, ALARM Output)	
	RPIVACY	ON/OFF(8 Zone)	
	MIRROR(H-REV)	ON/OFF	
	FLIP(V-REV)	ON/OFF	
	FREEZE	ON/OFF	
	SHARPNESS	ON/OFF(Level Adjustable)	
	D&N Selection	COLOR / Black&White / AUTO / EXT(Built In Motor Driver)	
	DIS	ON/OFF	
	Digital Zoom	ON(x10)/OFF	
	Blemish Compensation	256 point(Even 128 Point, ODD 128 Point)	
	IR CDS	Built In AD Converter	
IRIS Control	DC/VIDEO		
Operating Temperature/Humidity	-10°C to +50°C / 30% to 80%RH		
Storage Temperature/Humidity	-20°C to +60°C / 20% to 90%RH		
Dimension	125mm(L)×68mm(W)×60.5mm(H)		
Weight	390g		

► DIMENSION



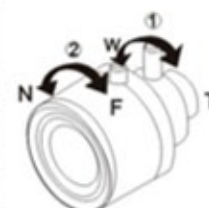
► ASSEMBLY



► LENS ADJUSTMENT(Vari-focal Lens only)



When using vari-focal lens, you can open cap and adjust the focal length.



① By turning the "Tele-Wide" knob, you can access a range of focal lengths within specified limits.

② Since then, by turning the "Near-Far" knob, you can set the focus toward the object.

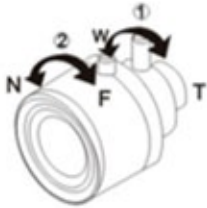
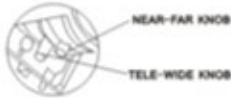
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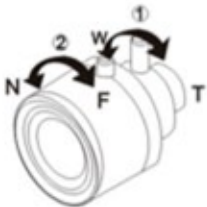
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OPTIONAL MOUNTS AVAILABLE



Wall Mount



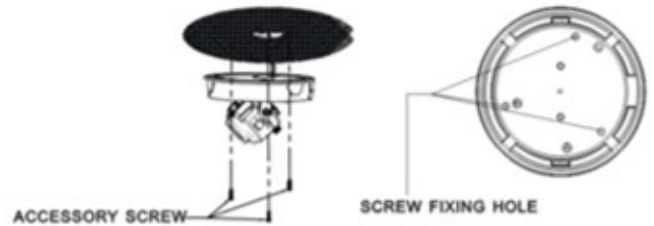
Ceiling / Pendant Mount

► PRECAUTION

1. You can install the camera outdoors.
2. Choose an ideal location for the camera, since a camera unit must be protected against vibration.
3. Be careful not to scratch the camera unit, especially lens glass.
4. Use the camera within the temperature (-10°C~+50°C).
5. Handle with care. Dropping it can cause serious damage to the camera.
6. Avoid any direct sun light towards the lens.
7. Dual Voltage 12VDC/24VAC

► INSTALLATION

1-1. CEILING MOUNT INSTALLATION

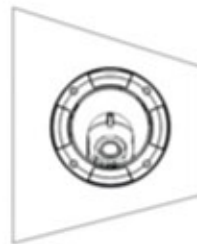


1-2. CAMERA DIRECTION ADJUSTMENT AND FIXING

- (1) Cover can be installed four directions using two screws beside the cover.
- (2) After loosening 3 screws on the cover, you can adjust the direction of camera
- (3) You can tighten up 3 screws against to fix the direction

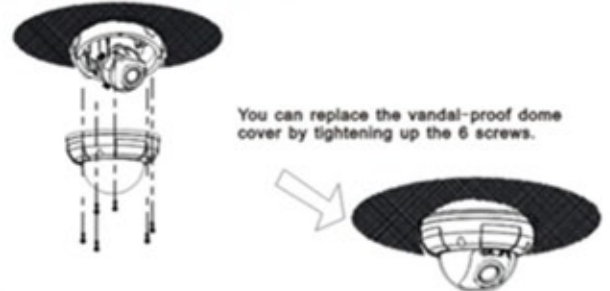


2. WALL MOUNT INSTALLATION



You can install it on the wall as shown on the picture. Camera direction adjustment is the same as in case of ceiling mount installation.

3. FINISHING INSTALLATION



You can replace the vandal-proof dome cover by tightening up the 6 screws.

► FEATURES

- (1) IP66
- (2) MATERIAL
Body: Aluminum. Dome: Polycarbonate
V_0 degree in UL94
- (3) Wall & Ceiling mount available
- (4) 3 axis to adjust the camera direction
- (5) 20M range visible in total darkness with 21 of IR LEDs

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2.OSD Menu Structure

2-1. SETUP Menu

SETUP MENU	DEFAULT SET	MENU
①LENS	DC	DC / MANUAL or VIDEO / MANUAL
②EXPOSURE	SHUTTER: - AGC: LOW SENS_UP: OFF	SHUTTER:A.FLK MANUAL(x256~120K) ESC(BRIGHTNESS: Level Selectable) AGC:OFF / LOW / HIGH SENS_UP: OFF / AUTO(2~256 Level Selectable) RETURN
③WHITE BAL	ATW	INDOOR / OUTDOOR / AWC / ATW MANUAL(RGAIN: Level Selectable BGAIN: Level Selectable)
④BACKLIGHT	OFF	BLC:TOP/DOWN/LEFT/RIGHT OFF
⑤DNR	ON	ON(LIMIT: 0~32 Level Selectable)/OFF
⑥DAY/NIGHT	COLOR	COLOR / B/W / AUTO / EXTERNAL DWELL TIME : 5~60 SEC DURATION TIME: SLOW / FAST
⑦IMAGE	FREEZE: OFF V-REV: OFF H-REV: OFF DZOOM: OFF SHARPNESS: ON	FREEZE:ON/OFF V-REV:ON/OFF H-REV:ON/OFF DZOOM:ON/OFF(0~255 Level Selectable) SHARPNESS: ON/OFF(1~31 Level Selectable) RETURN
⑧SPECIAL	Refer to the next page	
⑨EXIT		Saves all the SETUP Menu and then exits.

2-2. Special Menu

SPECIAL MENU	DEFAULT SET	MENU
①CAMERA ID	OFF	ON/OFF
②SYNC	INT	INT / LL(PHASE: 0~259 Level Selectable,MODE: OFF / TRACE)
③MOTION DET	OFF	SENSITIVITY: AREA1 AREA MODE: OFF SEL POS: L_TOP XPOS: Level Selectable YPOS: Level Selectable FILL→ SET RETURN
④PRIVACY	OFF	AREA SEL: AREA1 AREA MODE: TOP / DOWN / LEFT / RIGHT MASK COLOR: GREEN / RED / BLUE / BLACK / WHITE / GRAY TRANSP.: LEVEL Selectable RETURN
⑤DIS	OFF	OFF/ON
⑥COM ADJ.	CMA ID: 0 BAUDRATE: 9600 PARITY: 8-N-1 RET PKT: ENABLE DISP CAM ID: OFF	CAM ID: ID Selectable BAUDRATE: 2400 / 4800 / 9600 / 19200 / 38400 / 57600 PARITY: 8-N-1 RET PKT: ENABLE DISP CAM ID: OFF
⑦LANGUAGE	ENGLISH	
⑧RESET	-	Returns to the level which was set by the manufacturer for shipment.
⑨RETURN	-	Return to the SETUP menu.