

# HD-SDI 1080p

## Turret Weather/Vandal-Resistant IR Camera

Megapixel Fixed 3.7mm HD Lens



### PRECAUTIONS

**WARNING** Do not use the camera if fumes, smoke or a strange odor is emitted from the unit, or if it seems to not function correctly. Disconnect the power source immediately and consult your supplier.

**CAUTION** Always follow the instructions in the installation guide when applying power. Fire and equipment damage can occur if power is applied incorrectly. For the correct power supply, refer to the specification sheet.

**CAUTION** Do not install or operate in small, unventilated areas. Heat build up can significantly reduce the performance and operating life of the product and may cause a fire.

**CAUTION** To prevent damage, do not drop the camera or subject it to strong shock or vibration.

**CAUTION** If installed close to a TV, radio transmitter, magnet, electric motor transformer or audio speakers the magnetic field generated may interfere with or distort the image.

**CAUTION** Whether or not the camera is used outdoors, never point it toward the sun. Use caution when operating the camera in the vicinity of spot lights or other bright lights and light reflecting objects.

**CAUTION** Do not use the camera in extreme environments where high temperatures or high humidity exists. Use the camera under conditions where temperatures are between 14°F ~ 122°F (-10°C ~ 50°C), and humidity is below 90%.

### REGULATORY NOTICE

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

### FEATURES

Sony "Exmor" 2.2 Mega-pixel CMOS

Progressive Scan

Megapixel 3.7mm Fixed HD Lens

1920x1080p/30fps

HD-SDI(BNC) and Analog (BNC)

0.1Lux (Color), 0.5Lux (B/W), 0.02Lux (Sens-up 30X)

24 IR LEDs

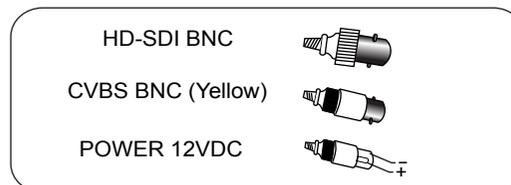
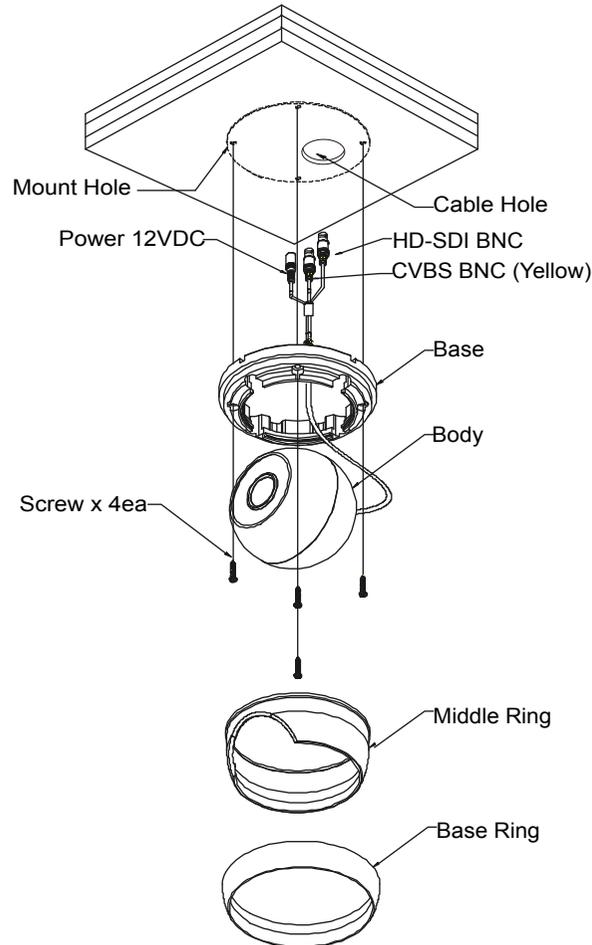
Default ICR TDN

AGC, ATW, DNR (2D + 3D)

Anti-dust coated Polycarbonate Cover & Aluminum Die-Casting body  
12VDC

### INSTALLATION

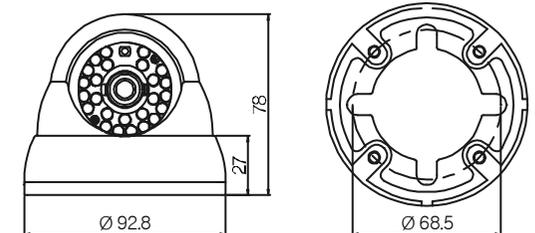
1. Attach the camera base on the installation surface with the supplied screws.
2. Adjust the camera angle by moving the camera body
3. Put the middle ring and the base ring over the camera body and turn the base ring clockwise by hand.
4. Connect the camera output to the DVR or to the monitor.
5. Connect the power source.



### SPECIFICATIONS

Imaging Sensor	1/2.8" Sony "Exmor" 2.2 Mega-pixel CMOS Sensor
Scanning System	Progressive Scan
Number of active pixels	1936(H) X 1097(V) = 2.12 Megapixel
Number of effective pixels	1984(H) X 1105(V) = 2.19 Megapixel
S/N Ratio	More than 50dB
Video Output Mode	1080P{1920x1080} 25/30
Video Output Level	HD-SDI / 1.0 Vp-p (75Ω, Composite) NTSC/PAL(Selectable)
Min. Illumination	1.0Lux(Color), 0.5Lux(BW), 0.02Lux(Sens-up x30)
Lens	Megapixel 3.7mm HD Lens, Aperture Ratio: 2.5
Electronic Shutter Speed	Auto / FLK / 1/30sec ~ 1/50,000sec / X2 ~ 30/sec: <b>1/30sec</b>
White Balance	ATW / AWC-SET / MANUAL / INDOOR / OUTDOOR: <b>ATW</b>
Backlight Compensation	BLC / HSBLC / Off: <b>Off</b>
D-WDR / ACCE	Low / Middle / High / Off: <b>Off</b>
AGC	Low / Middle / High: <b>High</b>
Adjust	SHARPNESS: 50 / MONITOR: LCD / LSC: Off / NTSC
Language	English
Day & Night	Auto / B.W / Color / EXT: <b>Auto</b>
2D/3D-NR	2DNR / 3DNR / SMART NR
Digital Zoom / PIP	On (x2 ~ x64) / Off: <b>Off</b>
Privacy Masking	On (8 Zone Selectable) / Off: <b>Off</b>
Motion Detection	On (3 Zone Selectable) / Off: <b>Off</b>
Defect	LIVE DPC / STATIC DPC
Sens - up	On (X2 ~ X30) / Off: <b>Auto</b>
D - EFFECT	Freeze / Mirror / D-Zoom / NEG.IMAGE: <b>Off</b>
IR LED	24pcs IR LED
Construction	Polycarbonate Cover & Aluminum Die-Casting Body
Operating Temp	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temp	-20°C ~ 60°C (-4°F ~ 140°F)
Humidity	0% to 90%
Supplied Voltage	DC12V ±10%
Power Consumption	IR LEDs ON: Max. 320mA
Dimension (W x H x D)	Ø92.8 x 78mm (Ø3.65 x 3.07in)
Weight	300g (0.66 lbs)
Certification	CE, FCC, RoHS, KCE

### DIMENSIONS



Design and specifications are subject to change without notice.