



46316.210

HD-SDI fullHD Bullet IR Camera, 2.8-10mm Lens

CCTV



CCTV



The lightning flash with an arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

INFORMATION - This equipment has been tested and found to comply with limits for a Class A digital device, pursuant to part 15 of the FCC Rules & CE Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

WARNING - Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

CAUTION : To prevent electric shock and risk of fire hazards:

Do NOT use power sources other than those specified.

This installation should be made by a qualified service person and should conform to all local codes.



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CCTV



1. Precautions

Do not install the camera in extreme temperature conditions.



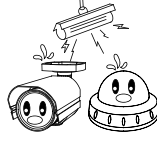
Only use the camera under conditions where temperatures are between -10°C and +50°C. Be especially careful to provide ventilation when operating under high temperatures.

Do not install or use the camera in an environment where the humidity is high.



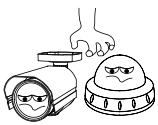
Do not install or use the camera in an environment where the humidity is high.

Do not install the camera under unstable lighting conditions.



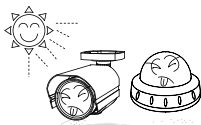
Severe lighting change or flicker can cause the camera to work improperly.

Do not touch the front lens of the camera.



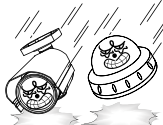
This is one of the most important parts of the camera. Be careful not to leave fingerprints on the lens cover.

Never keep the camera pointed directly at strong light.



It can cause malfunctions to occur.

Do not drop the camera or subject it to physical shocks.



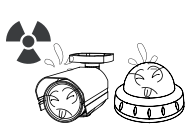
Housing damage can compromise weatherproof ratings.

Do not expose the camera to rain or spill liquids on it.



If it gets wet, wipe dry immediately. Liquids can contain minerals that corrode the electronic components.

Do not expose the camera to radioactivity.



If exposed to radioactivity the CCD will fail.

NOTE

* If the camera is exposed to spotlight or object reflecting strong light, smear or blooming may occur.

* please check that the power satisfies the normal specification before connecting the camera.

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2. Safety Instructions

Precautions for use

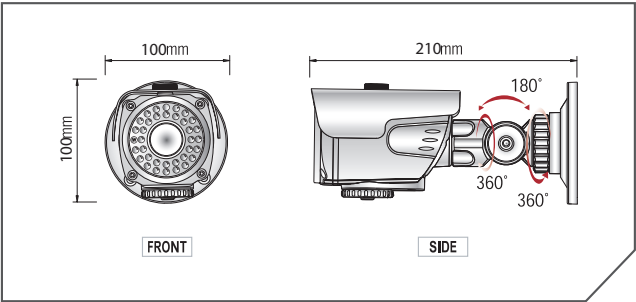
- This camera should be installed by qualified personnel only
- There are no user serviceable parts inside
- Do not disassemble this camera other than to make initial adjustments
- Use a UL approved regulated 24 volt AC or 12 volt DC power supply
- Use appropriate low voltage power cable to prevent fire or electrical shock
- Please insure that your installation area can support the weight of the camera

Please handle this camera carefully

- Do not use a strong or abrasive detergent when cleaning the camera
- Do not expose the camera to direct sun
- Do not install camera in places where humidity is high
- Do not install near cooling or heating device
- Do not expose camera to rain or moisture

*DC Auto Iris Varifocal Lens(2.8mm-10mm) / IR LED Built-in 42pcs

3. Dimension



4. Key Features

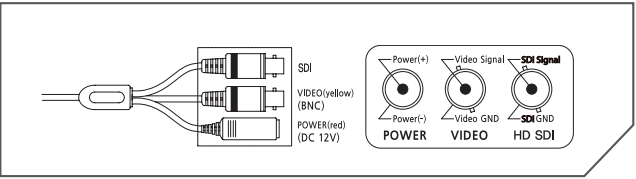
- 1/2.8" Sony Progressive Scan Color CMOS Sensor
- 1080(1920x1080)@25fps
- TV Out(BNC) With NTSC / PAL Selectable
- Dual Output-Megapixel HD CCTV(BNC) & SD CCTV(BNC) Out
- Backlight Compensation Using a Powerful Pixel Control WDR
- High Resolution Digital Zoom(x8)
- Flicker suppression
- No noise, Ghosting Effect With DNR
- True Day/Night with ICR
- Power DC 12V

5. Specifications

MODEL	46316.210
Sensor type	1/2.8" SONY 2Mega C-MOS Sensor
Total pixels	2000(H) X 1121(V) 2.24Mega Pixel
Active pixels	1984(H) X 1105(V) 2.19Mega Pixel
Resolution	1920 X 1080 (1080P / 30fps)
Scanning system	Progressive Scan
Min. illumination	IR LED ON : 0 Lux @F1.2 (Sens-UP X64)
Video Output	HD-SDI, CVBS
S/N Ratio	More than 48dB
Lens	DC Auto Iris Varifocal Lens(2.8mm-10mm)
AGC	1 ~ 20 Level Adj
Shutter Speed	1/25, 1/30 ~ 1/60,000 sec
Digital Slow Shutter(Sens-UP)	OFF/Auto(x2 ~ x64)
WDR/BLC/HLC	OFF/WDR/BLC/HLC (WDR ON : CVBS OFF)
SHADING(LSC)	OFF/ON
Day & Night	Auto/Day/Night/Ext
White Balance	ATW/AWC/Manual/PRESET
DNR	OFF/Low/Middle/High
Mirror H/V	OFF/ON
D-ZOOM	x8
D-WDR	OFF/ON
Privacy	OFF/32 Positions
Motion Detection	1 Zone ON/OFFSensitivity/Area setting
Communication	RS-485(Pelco-D, Pelco-P)
Poewr Source	DC 12V
Poewr Consumption	IR LED ON:800mA
Storage Temperature	-20°C ~ +60°C(Humidity : 20%RH ~ 95%RH)
Operating Temperature	-10°C ~ +50°C(Humidity : 20%RH ~ 80%RH)
Dimension(W x H x D)	100mm(W) X 100mm(H) X 210mm(D)
Weight	1400g

Digital Video Security System

6. Cable Connection

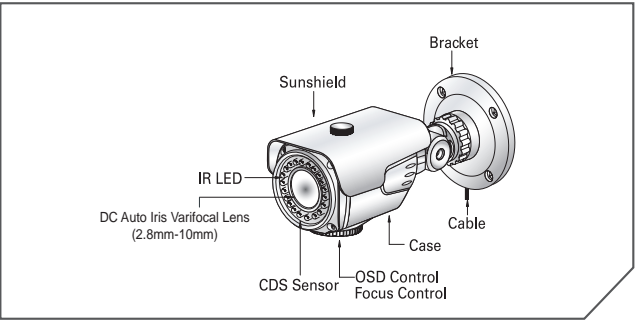


HD(High Definition) Surveillance

HD-SDI Camera provides the superb surveillance conditions than normal VGA camera.



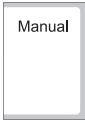
7. Camera Connection



8. Package



Camera
1EA



Instruction Manual
1EA



SCREW
4EA



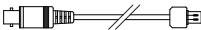
REC BASE ADAPTOR
BRACKET 1EA



L-WRENCH
1EA



BOLT, HEXAGON SOCKET
4EA



VIDEO TEST CABLE
1EA



FOCUS DRIVER
1EA