



46617.212

700TVL Bullet IR Camera, 2.8-12mm Lens, OSD Menu



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.



VIMAR group

Via Pontarola, 14/a  
35011 Campodarsego PD - Italy  
Tel. +39 049 920 2511  
Fax +39 049 920 2603  
www.elvox.com ☎ 800-768337



S6L46617.212.EN RL.00 13 03  
ELVOX - Campodarsego - Italy

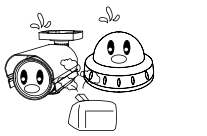


1. Precautions

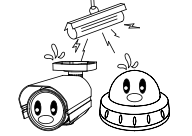
- Do not install the camera in extreme temperature conditions.
- Do not install or use the camera in an environment where the humidity is high.
- Do not install the camera under unstable lighting conditions.



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.

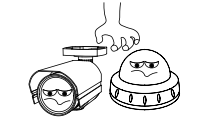


Do not install or use the camera in an environment where the humidity is high.

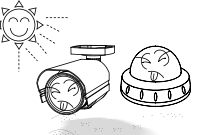


Severe lighting change or flicker can cause the camera to work improperly.

- Do not touch the front lens of the camera.
- Never keep the camera pointed directly at strong light.
- Do not drop the camera or subject it to physical shocks.



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

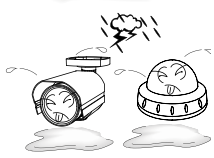


It can cause malfunctions to occur.



Housing damage can compromise weatherproof ratings.

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



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



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.



2. Safety Instructions

Precautions for use

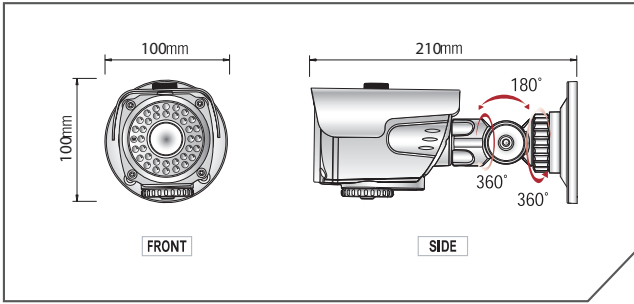
- This camera should be installed by qualified personnel only
- There are no user serviceable parts inside
- Do not disassemble this camera other than to make initial adjustments
- Use a UL approved regulated 24 volt AC or 12 volt DC power supply
- Use appropriate low voltage power cable to prevent fire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

Please handle this camera carefully

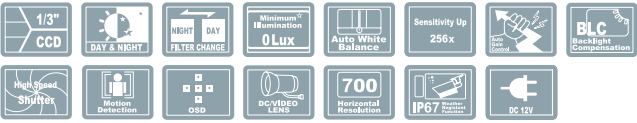
- Do not use a strong or abrasive detergent when cleaning the camera
- Do not expose the camera to direct sun
- Do not install camera in places where humidity is high
- Do not install near cooling or heating device
- Do not expose camera to rain or moisture

\*DC Auto Iris Varifocal Lens(2.8mm-12mm) / ø5 IR LED Built-in 42pcs

3. Dimension



4. Key Features



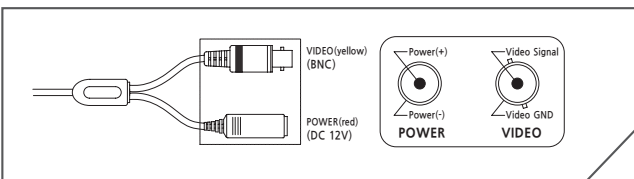
- 1/3" Inch Color 960H CCD
- High Resolution : 700TVL
- Min. Illumination : 0Lux
- Privacy Masking (8 Zones)
- No Noise, Ghosting Effect with DNR
- Highest Resolution: Vivid Sharp Picture in completely darkness
- True Day/Night with ICR
- Power DC 12V

5. Specifications

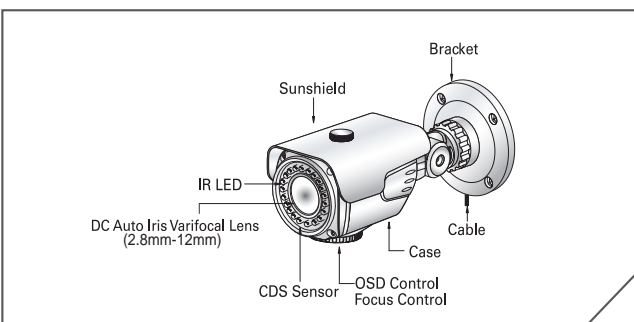
MODEL	46617.212
Sensor type	1/3" Inch Color 960H CCD
Effective pixels	976 (H) X 494 (V) approx. 480K pixels (NTSC) 976 (H) X 582 (V) approx. 570K pixels (PAL)
Total pixels	1020 (H) X 508 (V) approx. 520K pixels (NTSC) 1020 (H) X 596 (V) approx. 610K pixels (PAL)
Resolution	700TV Lines
Scanning system	2:1 Interlace
Min. illumination	IR LED ON : 0 Lux @F1.2 (Sens-UP X256)
Video Output	1.0Vp-p Composite. 75 Ohms
S/N Ratio	52dB
AGC	Low / Middle / High
Sens-UP	OFF/AUTO (X2 - X256)
Backlight Compensation	OFF/BLC/HLC
D-WDR	OFF/INDOOR/OUTDOOR
Motion Detection	4 Zone
Privacy Masking	8 Zone
DIS(Digital Image Stabilizer)	OFF/ON
Day & Night	Auto(AGC)/Day/Night/Ext
White Balance	ATW/AWB/AWC->SET/Manual(1,800K ~ 11,000K)
3DNR(2D or 3D)	1 ~ 200 Level Selectable
Mirror	H-Rev / V-Rev / ROTATE
D-ZOOM	X32
SMART DZOOM	OFF/ON
DEFOG	OFF/MANUAL/AUTO
Blemish Compensation	Auto(512POINT)
Power Source	DC 12V
Power Consumption	IR LED ON:700mA Max
Lens	DC Auto Iris Varifocal Lens(2.8mm-12mm)
Storage Temperature	-20° ~ +60°(Humidity : 20%RH ~ 95%RH)
Operating Temperature	-10° ~ +50°(Humidity : 20%RH ~ 80%RH)
Dimension(W x H x D)	100mm(W) * 100mm(H) * 210mm(D)
Weight	800g

Digital Video Security System

6. Cable Connection



7. Camera Connection



8. Package

