



36x True Day/Night AF Zoom Camera

IDC-700Z22
IDC-701Z36



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.

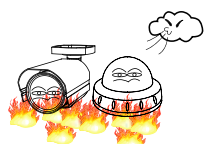
CAUTION : To prevent electric shock and risk of fire hazards:

⚡ 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.

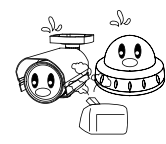
1. Precautions

Do not install the camera in extreme temperature conditions.



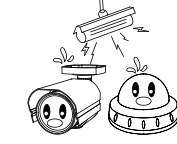
Only use the camera under conditions where temperatures are between -10°C and +50°C. Be especially careful to provide ventilation when operating under high temperatures.

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



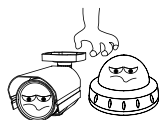
Do not install or use the camera in an environment where the humidity is high.

Do not install the camera under unstable lighting conditions.



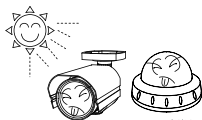
Severe lighting change or flicker can cause the camera to work improperly.

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.



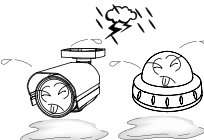
It can cause malfunctions to occur.

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



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

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.

2. Safety Instructions

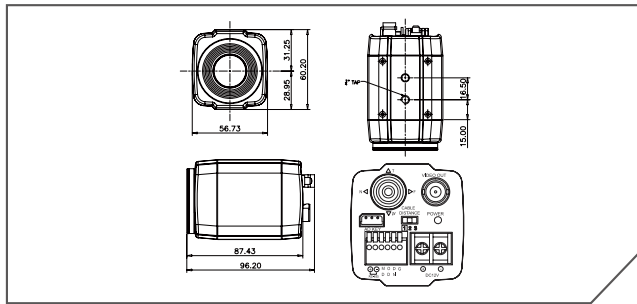
Precautions for use

- 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

3. Dimension



4. Key Features

- 1/4" 613K pixels Sony Super HAD II Dual scan CCD
- Super High Resolution 700 TV lines
- True Day & Night with ICR
- Wide Dynamic Range(512x)
- Digital Noise Reduction(2D+3D)
- Privacy Mask Function
- On Screen Display
- Intelligent motion detection
- Intelligent object detection
- Multi protocol support (VISCA, Pelco-D, Pelco-P)

5. Specifications

MODEL	IDC-700Z22	I	IDC-701Z36
Image Sensor	1/4" SONY Super HAD II Dual Scan CCD		
Total Pixels	NTSC=1028(H) * 508(V) / PAL=1028(H) * 596(V)		
Scanning system	Interface		
Scanning Frequency	NTSC=15.734KHz(H), 59.94Hz(V) / PAL=15.625KHz(H), 50Hz(V)		
Sync. System	INT / Line Lock (Option)		
Resolution	700 TV lines (COLOR) 800 TV lines (BW)		
Min. illumination	Color : 0.5 lux, BW : 0.2 lux Color DSS : 0.001 lux, BW DSS : 0.00004 lux		
Video Output	1.0 Vp-p (75 ohm, composite)		
S/N Ratio	More than 50db (AGC off)		
Lens type	22X Day & Night Zoom Lens		
Zoom Ratio	Optical 22x, Digital 32x Zoom		
Focal Length	f = 3.9 mm ~ 85.8 mm		
Aperture Ratio	F1.6 (wide) ~ F4.5 (tele)		
Focus	Auto / Zoom-Trig / Manual		
Focus Distance	0.1 / 1.0 / 1.5 / 2.5 / 6.0 m		
E. Zoom	Off / Max 2x-32x		
Exposure	Auto / Shutter PRI / Manual		
Gain Control	Off / On (Auto Max 30dB)		
Shutter Speed	NTSC=1/60 ~ 1/100,000 sec / PAL=1/50 ~ 1/100,000 sec		
Digital Shutter Speed	Off / Max 2x-512x		
Flickerless	Off / On		
Brightness	1 ~ 15 steps		
WDR / BLC	Off / WDR / BLC		
Day&Night	Auto / Sens-in / Ext / Day / Night		
White Balance	ATW / One-Push / Indoor / Outdoor / Manual / Auto		
Image DNR	Off / Manual / Auto		
HR	Off / 1 ~ 7 steps		
Mirror	Off / H / V / H+V		
Sharpness	1 ~ 16 steps		
Effect	Off / Negative / B&W		
Freeze	Off / On		
Intelligent	Privacy / MD / OD		
Privacy Mask	Off / 16 positions		
Motion Detection	Off / 3 positions		
Object Detection	Off / On		
Special	Sync / Phase / Comm		
Phase	0 ~ 255 steps		
Communication	Baud Rate : 2400 / 4800 / 9600 / 19200 / 38400 Protocol : Pelco-D / Pelco-P / VISCA		
Display	Disp Sel / Init Sel / Set Title / Set Init Msg / Language		
Disp Sel(Off / On)	ID / Title / Zoom Ratio		
Init Sel(Off / On)	ID / Baud Rate / Protocol / Version / Init Msg		
SET Title	Text Edit		
SET Init Msg	Text Edit		
Language	English / Chinese / Korean		
OSD Text	0 ~ 9, A ~ Z, a ~ z		
Power Source	DC12V ±10%		
Power Consumption	Max 400mA / Max 320mA / Max 300mA		
Operating Temperature	-10 ~ +50 Deg C. RH 95% Max.		
Storage Temperature	-20 ~ +60 Deg C. RH 95% Max.		
External Dimension	64(W)*68(H)*119.30(D)		
Weight	230g		

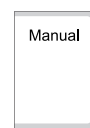
Digital Video Security Systems

6. Protocol

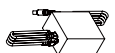
7. Package



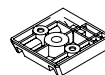
Camera
1EA



사용설명서
1개



DC12V 500mA
어댑터 1개



FOOT
1개



SCREW M3X5
2개