



DNR Box Day/Night Camera

HD-F723C

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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:

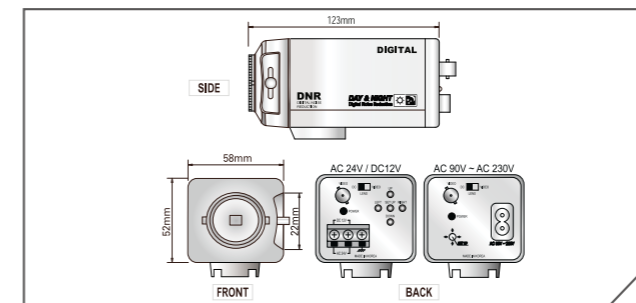
⇒ Do NOT use power sources other than those specified.

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

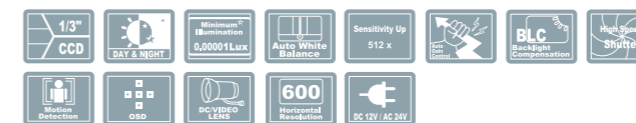
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*C & CS Mount Lens

3. Dimension



4. Key Features



- 5th Generation DSP Chip
- 1/3" Sony Super HAD CCD II
- No Noise, Ghosting Effect with DNR
- True Day/Night with ICR-Option
- C/CS and Flange-Back Focus Adjustment Lever Built-in
- Dual Power(AC 24V / DC 12V),(AC 230V)-Option

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5. Specifications

MODEL	HD-F723C
Image Pick-Up Device	1/3" Sony Super HAD CCD II
TV System	NTSC, PAL
Total Pixels	NTSC=811(H) * 508(V) / PAL=795(H) * 596(V)
Effective Pixels	NTSC=768(H) * 494(V) / PAL=752(H) * 582(V)
Scanning Frequency	NTSC=15.734KHz(H) & 59.94Hz(V) / PAL=15.625KHz(H) & 50.00Hz(V)
Scanning System	2:1 Interlace
Synchronization	Internal
Resolution	600TV Lines
Minimum Illumination	0.00001Lux(Sens-Up*512x)
S/N Ratio	More than 52dB
Video Output	CVBS: 1.0Vp-p / 75Ω
Electronic Shutter Speed	NTSC=(1/60sec~1/120,000sec) / PAL=(1/50sec~1/120,000sec)
OSD	Available
DNR	On / Off (Level adjustable)
BLC	BLC / HLC / OFF
Day & Night	Color / BW / AUTO
Gain Control	Low / High / Off
White Balance	ATW / Outdoor / Indoor / Manual / AWC
SENS-UP	Auto / Off (Selectable x2 ~ x512)
Motion Detection	On / Off (8 Programmable Zones)
Privacy Masking	On / Off (12 Programmable Zones)
SSNR III (Digital Noise Reduction)	On / Off (Level adjustable)
Digital Zoom	On / Off (x1 ~ x16)
DIS (Digital Image Stabilization)	On / Off
Sharpness	On / Off (Level adjustable)
Flip / Mirror	On / Off
Power Supply	DC 12V
Power Consumption	120mA
Lens	C & CS Mount (Lens Option)
Operational Temp.	-10 ~ +50 Deg C. RH 95% Max.
Storage Temp.	-20 ~ +60 Deg C. RH 95% Max.
Dimension	58mm(W) * 52mm(H) * 123mm(D)
Weight	350g

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1. Precautions

Do not install the camera in extreme temperature conditions.



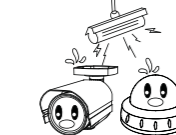
Only use the camera under conditions where temperatures are between -10°C and +50°C. Be especially careful to provide ventilation when operating under high temperatures.

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.



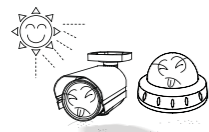
Severe lighting change or flicker can cause the camera to work improperly.

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.



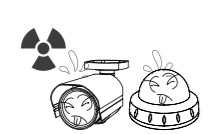
Severe lighting change or flicker can cause the camera to work improperly.

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.

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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

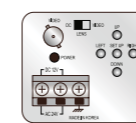
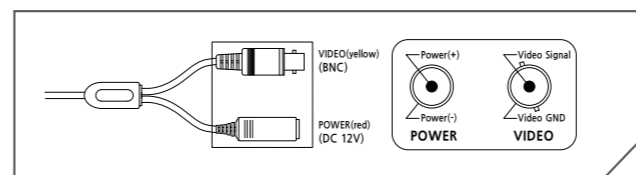
Please handle this camera carefully

- 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

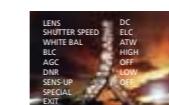
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6. Cable Connection

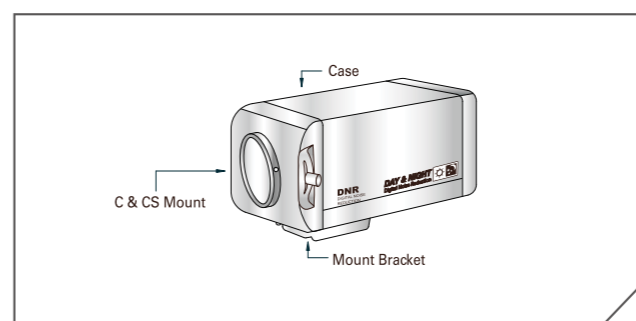


OSD Control Board



D&N RS485(HD-F750)

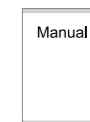
7. Camera Connection



8. Package



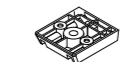
Camera 1EA



Instruction Manual 1EA



ADAPTOR 1EA(OPTION)



FOOT 1EA



C RING 1EA



IRIS JACK 1EA



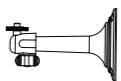
SCREW M3X5 2EA



SCREW 3*20 3EA(OPTION)



LENS 1EA (OPTION)



STAND BRACKET 1EA(OPTION)

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