

SDN650

COLOR DAY/NIGHT BULLET CAMERA

PRECAUTIONS



- Power Requirements**
 The equipment should be operated only with the type of power source indicated on the marking label. This camera is designed for use with a regulated DC power source.

- Impedance**

This camera is to be used with a standard 75 ohm impedance monitor. On monitors with both a high and standard impedance mode, ensure the impedance mode is set to standard.

- Service**

Do not attempt to service the camera yourself. There are no user serviceable parts inside. Refer servicing to a qualified service technician.

- Light Exposure**

Do not aim or point the camera towards the sun or into a bright light.

SPECIFICATIONS

Image Device	1/3" Super HAD SONY CCD
Signal System	60Hz
Effective Pixels	768(H) × 494(V)
Scanning System	2:1 Interlace
Sync System	Internal
Horizontal Resolution	More than 520 TV Line(Center)
Sensitivity	0 Lux(IR LED ON)
S / N Ratio	More than 45dB(AGC OFF)
Gamma Correction	$\gamma = 0.45$
Video Output	Composite 1[Vp-p], 75(Ω) unbalanced
Power Supply	15V DC(± 10%)
Operating Temperature	-4° F ~ 122° F (-20°C ~ +50°C)
Storage Temperature	-22° F ~ 122° F (-30°C ~ +50°C)
Weight	16.04 oz (455g)
Dimensions	60(mm) φ × 145(mm)
IR LED	18 Unit IR LED (30M beam length)
IR LED wavelength/half angle	850nm/± 15degree
Varifocal Lenses	f 3.8mm ~ 9.5mm / F1.2 Aspherical

CAMERA CONNECTIONS

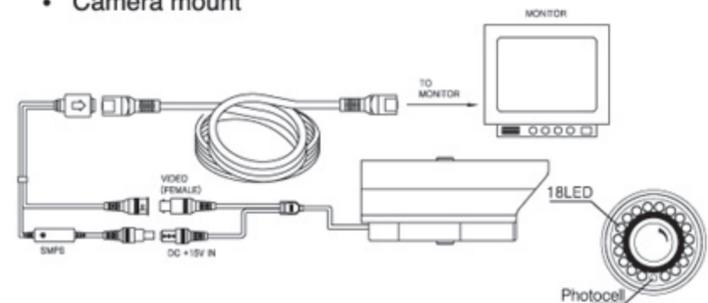
The SDN650 camera can be used in video systems with either BNC or Modular connections.

The cable on the camera has a BNC connection for video output and a power connector for a 12V DC power source (not included).

For use in applications with modular connections, the BNC-to RJ11 Adaptor cable included with the camera connects between the BNC and Power connection on the camera to a RJ11 cable for 15V DC operation.

The SDN650 camera comes with the following cables and accessories :

- 60ft(18M) cable with RJ11 connections on each end
- BNC-to-RJ11 Adapter cable
- Camera mount



- Attach the Anti-reflective Adhesive Strip to the inside of the sunshield near the front of the camera to reduce reflection.**

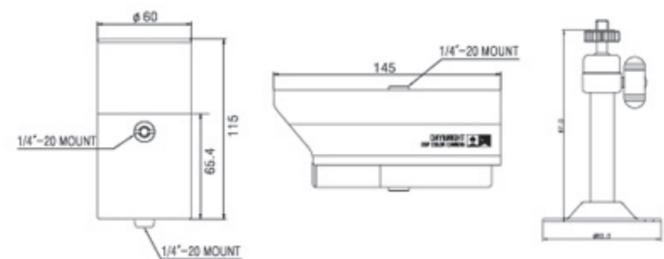


1. Loosen the Zoom lock screw by turning it counterclockwise. Adjust the Zoom by moving the Zoom lever to Tele side or Wide side. Turn the Zoom lock screw clockwise to tighten the Zoom lever after adjustment.

2. Loosen the focus lock screw by turning it counterclockwise. Adjust the focus by moving the focus lever to near side or far side. Turn the focus lock screw clockwise to tighten the focus lever after adjustment.

3. The overall brightness level of the video output can be adjusted using the video level variable resistor (VR).

DIMENSIONS



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.
2. This device must accept any interference received, including interference that may cause undesired operation.

Note - This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / tv technician for help.

Caution - Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This goods does not apply to UL (Underwriters Laboratories).