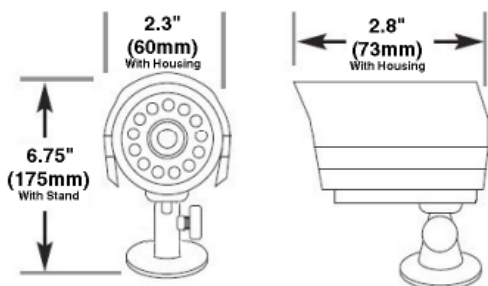


4. Camera Specifications

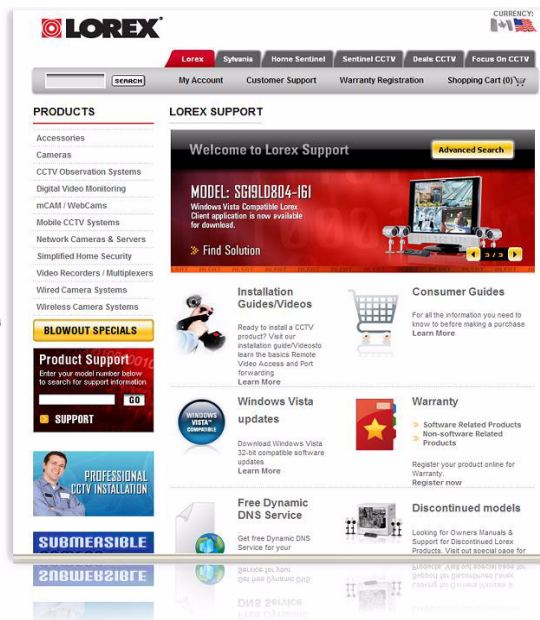
Image Device	1/4" Color Image Sensor
Effective Pixels	656H x 492V
Scanning System	2:1 Interlace NTSC: 525 Lines
Resolution	Horizontal 480 TV lines
AES Shutter Speed	1/60 ~ 1/50,000 sec.
S/N Ratio	More than 48dB (AGC off)
Sync. System	Internal
Min. Illumination	3 LUX @F1.2 (no LED) 0 LUX (with LED)
IR Night Vision	24 IR LED / 850nm / 50' (15m)
Video Output	1.0 Vp-p (75 ohms)
White Balance	AWB
Termination	6 Pin DIN
Lens	Fixed Lens (3.6mm)
Viewing Angle	H: 59°; V:44°; D: 73°
FOV (Diagonal)	70 Degrees
Power Requirement	DC 12V ± 10%
Power Consumption	With IR: Max 330mA W/o IR: Max 90mA
Operating Temp	14°F ~ 122°F (-10° ~ 50°C)
Operating Humidity	Within 90% RH
Weight (With Stand)	0.81lb / 0.36 kg

Dimensions:



It's all on the web

- 📁 Product Information
- 📄 Specification Sheets
- 📖 User Manuals
- 💻 Software Upgrades
- 🕒 Quick Start Guides
- 🔧 Firmware Upgrades



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HOME & BUSINESS SECURITY

**HIGH RESOLUTION
WEATHERPROOF COLOR CAMERA
WITH NIGHT VISION AND AUDIO**

Model: SG7555RB Series

Refer to the Product Package or online Spec Sheet for specific product configuration.



Quick Set-up Guide

English Revision 1.0



1. Package Contents



1 x Camera
1 x Camera Stand



1 x 100' (30m) DIN
Extension Cable



1 x DIN to BNC Coupler
1 x BNC to RCA Adaptor
1 x Power Adaptor

* Included with the SG7555RB Single Pack only. This provides universal compatibility to industry standard BNC and RCA connectors.

WARNING - Regulated 12V DC 500mA power supply is REQUIRED for use with this camera, when connected to a BNC system. Use of a non-regulated, non-conforming power supply can damage this product and will void the warranty.

Features:

- High Resolution Image Sensor
- 24 High Intensity IR LEDs provides effective night vision range up to 50 ft. (15 m)**
- Day / Night mode: Picture automatically switches to B&W delivering better clarity in low light conditions
- Built in microphone provides one-way audio from the camera to the system
- Weatherproof*** Cameras ideal for indoor and outdoor applications (IP66)
- All-in-one cable providing Video, Audio & Power, plugs directly to the DIN ports of the system and eliminates the need for a separate power adaptor
- 100 ft.(30m) extension cable included per camera
- Ceiling or Wall Mountable Camera with versatile stand provides flexible mounting options

NOTE - This Camera includes a Mechanical Auto IR Cut Filter. When the Camera changes between Day/Night lighting, an audible clicking noise may be heard from the camera. This clicking is normal, and indicates the Camera filter is working.

** Night Vision Range up to 50ft. (15m) in ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.

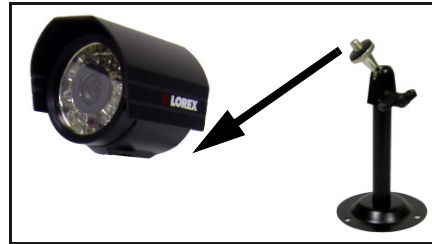
*** Not recommended for submersion in water.

2. Installing the Camera

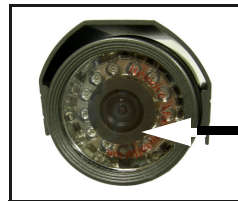
Note: Test the cameras prior to selecting a permanent mounting location by temporarily connecting the Cameras and Cables to the System.

1. Mount the camera stand to the desired mounting surface. Attach the camera to the supplied stand.

NOTE: The camera can be mounted to either a wall or a ceiling.



2. Aim the camera. Remove the protective film from the lens.



Lift the plastic tab on the lower edge of the camera to remove the protective film.

3. Connect the Extension cable to the camera. Connect the other end of the Extension Cable to the System.



Note: Confirm that the arrows on the DIN Extension cable are aligned with the Camera Cable and System ports when connecting the cable. If the



pins in the DIN Cable are bent, the Camera will NOT function. Download from www.Somanuals.com. All Manuals Search And Download.

3. Camera Diagram

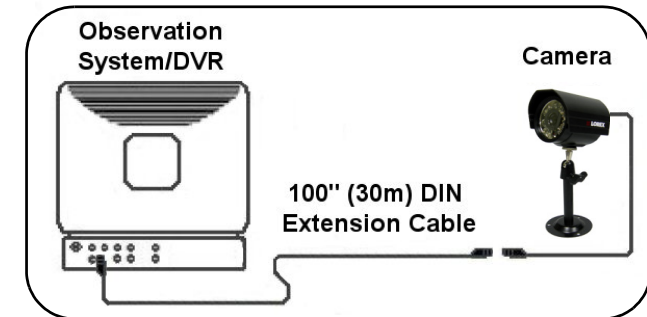


DIN System Connection Diagram:

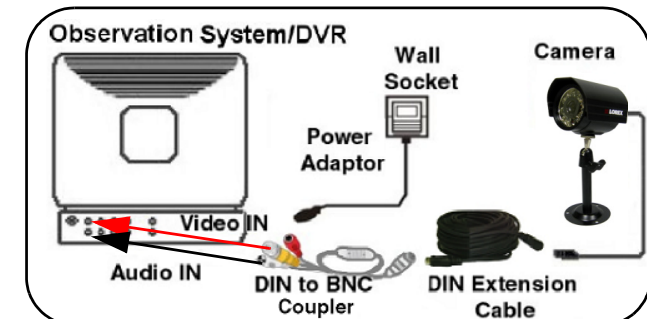
Cameras with 6 Pin DIN connections draw power from the System. Additional power adaptors are not needed for these cameras, when connecting to DIN ports.



6 PIN DIN



DIN to BNC System Connection Diagram:



* To connect to a TV use the included BNC to RCA Adaptor.

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