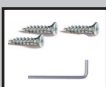## Contents

	1 x Weatherproof IR Bullet Camera with Varifocal Lens
	1 x Sunshade Housing 1 x Fastening Screw
	3 x Mounting Screws 1 x Hex Allen Key
	1 x Flat-head Allen Key
	2 x Rubber Weatherproofing Plugs
	3 x Drywall Anchors

Features

- 700 TVL Resolution, 1/3" 960H Image Sensor
- True Day / Night with Mechanical ICR
- 2.8–12mm Varifocal Lens
- Cold Climate Capability (Operates to -22°F/ -30°C)
- 90ft (27m) Smart IR Night Vision Range*
- IP66 Weatherproof Rating**
- Cable Through Bracket Design
- External Zoom / Focus Adjustment
- Wall / Ceiling Mountable
- 12V DC Operation

* IR Illumination range under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.

** Not intended for submersion in water. Installation in a sheltered area is recommended.

Safety Precautions

- Use an appropriate low voltage power cable to prevent fire or electrical shock.
- Make sure to install the camera in an area that can support the camera weight.
- There are no user serviceable parts inside the camera. Please do not disassemble the camera.
- Do not clean the lens cover with an abrasive cleaning material. Please use a soft cloth to clean the lens cover.

IT'S ALL ON THE WEB!

📁 Product Information   📄 Specification Sheets

📖 User Manuals   🕐 Quick Start Guides

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700TVL VARIFOCAL OUTDOOR IR BULLET CAMERA

MODEL: DBB54TL

QUICK START GUIDE
English Version 1.0

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Installing the Camera

1. Set the camera in the desired mounting position and mark holes for the screws.
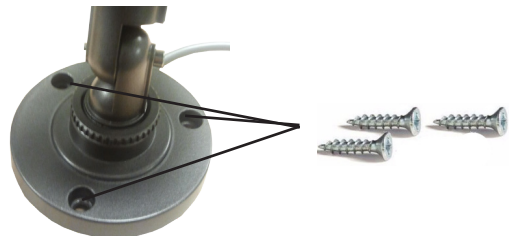
2. Drill the holes for the mounting screws.

3. **OPTIONAL:** Insert drywall anchors as needed.

4. Connect the video and power cables as shown in the next section 'Setting up the Camera'.

5. Mount the camera stand to the desired surface using the provided screws.

6. Place the sunshade on top of the camera with the large end pointing in the same direction as the lens. Insert the sunshade screw.

7. Set the position and angle of the camera using the provided Hex Allen Key.

2. Loosen the screw near the stand and adjust the camera's vertical position.

1. Twist the ring to tighten/loosen the stand connection and adjust the camera's horizontal position.

3. If needed, loosen the screw near the camera and twist the camera head on the mounting stand.

Setting up the Camera

1. Connect the BNC connector of the camera to the video cable.
2. DC Power—**Power Adapter**: Connect a 12V DC Power Adapter (not included) to the camera. Plug the Power Adapter into a local power outlet.
   - DC Power—**Power Pigtail** (not included): Connect a Power Pigtail to the camera. Connect the terminating wires of the cable directly to the DC power source.

NOTE: For pigtail connection with 12V DC, make sure to check polarity specifications on the power adapter.

3. Use the short arm of the provided Flat-head Allen Key to adjust the ZOOM and FOCUS control screws as required.

ZOOM   FOCUS
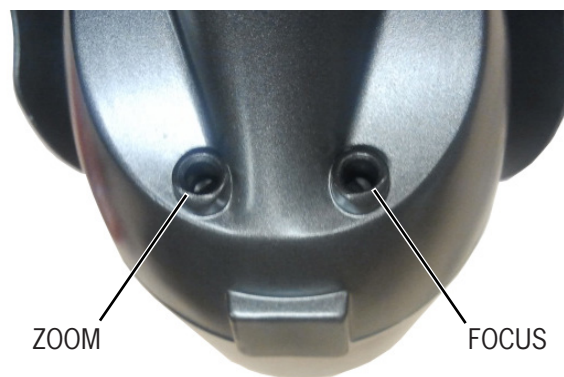
4. **Insert rubber weatherproofing plugs (2x) firmly into the ZOOM and FOCUS screw-holes to ensure a weatherproof seal.**

Weatherproofing Plugs

Camera Specifications

Image Sensor	1/3" 960H Image Sensor
Video Format	NTSC
Effective Pixels	H: 960 V: 480
Horizontal Resolution	700 TVL
Scan System	2:1 Interlace
Sync System	Internal
S / N Ratio	48dB (AGC Off)
Iris	AES
AES Shutter Speed	1/60 ~ 1/25,000 sec.
Min. Illumination	0.3 Lux without IR LED 0 Lux with IR LED
Video Output	Composite 1.0Vpp @ 75ohm
Lens Focal Length / Type	2.8–12mm F2.0 / Varifocal
FOV (Diagonal)	28° ~ 94°
Termination	Video: BNC Female
IR Range / Qty.	90ft / 27m; 36 IR LED`s
Power Requirement	12V DC ± 10%
Power Consumption	12V: 330mA MAX with IR LED
Operating Temp. Range	–22° ~ 122°F / –30° ~ 50°C
Environmental Rating	IP66
Dimensions (LxWxH)	8.3" x 3.9" x 3.3" 210mm x 98mm x 85mm
Weight (including stand)	1.2lbs / 0.5kg

Dimensions

98mm / 3.9"

210mm / 8.3"

85mm / 3.3"