

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

Features

- Ultra Resolution 1/3" Image Sensor / 600TVL
- 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
- Latest News
- Video Tutorials & Demos



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ULTRA RESOLUTION VARIFOCAL OUTDOOR IR BULLET CAMERA

MODEL: DBB44TL

QUICK START GUIDE

English Version 3.0

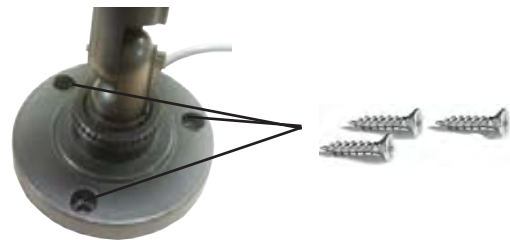


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Installing the Camera

ATTENTION - Test the camera prior to selecting a permanent mounting location by temporarily connecting the camera(s) and cables to the DVR.

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



- 2. Drill the holes for the mounting screws.
- 3. Connect the video and power cables as shown in the next section 'Setting up the Camera'.
- 4. Mount the camera stand to the desired surface using the provided screws.
- 5. Place the sunshade on top of the camera with the large end pointing in the same direction as the lens. Insert the sunshade screw.

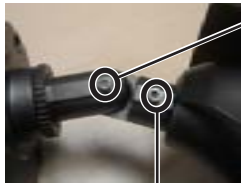


- 6. Set the position and angle of the camera using the provided Hex Allen Key.



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

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



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

WARNING - A REGULATED UL / CSA APPROVED 12V DC power supply is REQUIRED for use with this camera. Use of a non-regulated, non-conforming power supply can damage this product and voids the warranty.

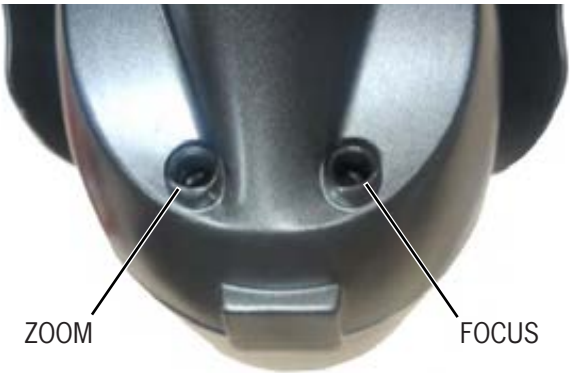
Setting up the Camera

- 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.

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

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



- 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" Color Image Sensor
Video Format	NTSC
Effective Pixels	H: 728 V: 488
Horizontal Resolution	600 TVL
Scan System	2:1 Interlace
Sync System	Internal
S / N Ratio	52dB (AGC Off)
Iris	AES
AES Shutter Speed	1/60 ~ 1/12,000 sec.
Min. Illumination	0.2 LUX @ F1.2 (IR Off) 0 LUX (IR LEDs ON)
Video Output	Composite 1.0Vpp @ 75ohm
Lens Focal Length / Type	2.8-12mm F1.7 / Varifocal
FOV (Diagonal)	27° ~ 92°
Termination	Video: BNC Female
IR Range / Qty.	90ft / 27m; 36 IR LED's
Power Requirement	12V DC \pm 10%
Power Consumption	12V: 340mA 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

