

Contents



1 x Weatherproof IR Dome Camera with Varifocal Lens



1 x Allen Key



4 x Mounting Screws



2 x Rubber Weatherproofing Plugs

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.

Features

- Ultra Resolution 1/3" Image Sensor / 600 TVL
- True Day / Night with Mechanical ICR
- 2.8-12mm Varifocal Lens
- Cold Climate Capability (Operates to -22°F / -30°C)
- 90ft (27m) IR Night Vision*
- IP66 Weatherproof Rating**
- 3 Axis Design for Wall / Ceiling Mount
- External Zoom / Focus Adjustment
- 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

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!

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ULTRA RESOLUTION VARIFOCAL OUTDOOR IR DOME CAMERA

MODEL: DBV44TL

QUICK START GUIDE

English Version 2.0

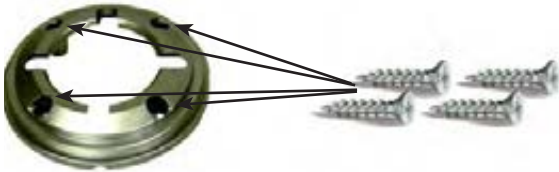


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Installing the Camera

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

- 1. Mount the camera base to the wall or ceiling using the included screws.

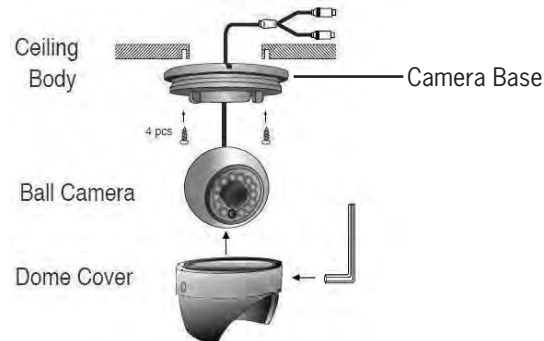


NOTE: You may need to disassemble the camera using the provided Allen key. Loosen the tightening screw on the outer ring of the Dome Cover and twist the Dome Cover off.

- 2. Position the Ball Camera to the desired position and angle.
- 3. Position the Dome Cover over the Ball Camera and twist into place. Holding the cover firmly in place, use the Allen key to tighten the screw on the outer ring of the Dome Cover.



NOTE: Once the camera is mounted, you can adjust the position and angle of the Ball Camera by slightly loosening the Dome Cover.



Setting up the Camera

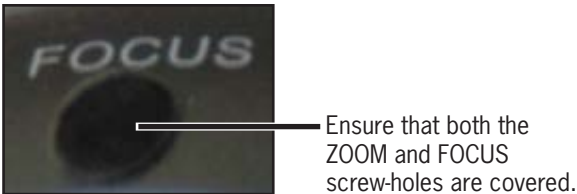
- 1. Connect the BNC connector of the camera to the video cable.
- 2. DC Power—**Power Adapter:** Connect a 12V DC Power Adapter (not included) to the camera. Plug the Power Adapter into a local power outlet.
 - DC Power—**Power Pigtail** (not included): Connect a Power Pigtail to the camera. Connect 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 a flat-head screwdriver (not included) to adjust the ZOOM and FOCUS control screws as required.



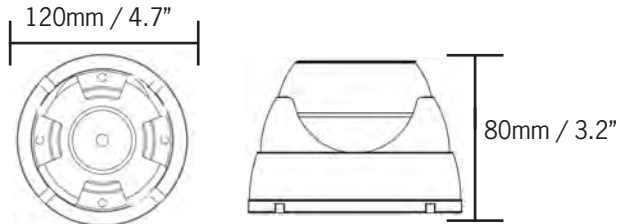
- 4. Insert rubber weatherproofing plugs (2x) firmly into the ZOOM and FOCUS screw-holes to ensure a weatherproof seal.



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 (IR Off) 0 LUX (IR LEDs ON)
Video Output	Composite 1.0Vpp @ 75ohm
Lens Focal Length / Type	2.8-12mm F1.4 / Varifocal
FOV (Diagonal)	27° ~ 92°
Termination	Video: BNC Female
IR Range / Qty.	90ft / 27m; 35 IR LED's
Power Requirement	12V DC \pm 10%
Power Consumption	12V: 270mA MAX with IR LED
Operating Temp. Range	-22° ~ 122°F / -30° ~ 50°C
Environmental Rating	IP66
Dimensions	Diameter: 4.7" (120mm) Height: 3.2" (80mm)
Weight (including stand)	1.4lbs / 0.6kg

Dimensions



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.