

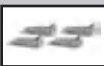
Contents



1 x Weatherproof IR Bullet Camera with Varifocal Lens



1 x Allen Key



4 x Mounting Screws



1 x Mounting Template

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

- 1/3" Sony EXview™ II 960H with Effio DSP / 700+TVL
- Superior Low Light Sensitivity
- Advanced Digital Noise Reduction
- 100ft (30m) Smart IR Night Vision Range*
- 2.8–12mm Varifocal Auto Iris Lens
- External Zoom / Focus Adjustment
- IP66 Weatherproof Rating**
- Cable Through Bracket Design
- Wall / Ceiling Mountable

* IR Illumination range under 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.

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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700+ TVL VARIFOCAL
OUTDOOR IR BULLET CAMERA

MODEL: DBB54DL

QUICK START GUIDE

English Version 2.0



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Installing the Camera

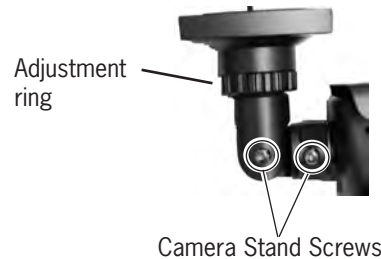
ATTENTION - Test the camera prior to selecting a permanent mounting location by temporarily connecting the camera(s) and cables to the DVR.

To install the camera:

1. Use the camera base or mounting template to mark holes in the wall or ceiling.



2. Connect the power and video cables according to the section 'Setting up the Camera.'
3. Mount the camera to the wall or ceiling using the included mounting screws.



4. Loosen the camera stand screws using the included allen key. Loosen the adjustment ring.
5. Move the camera to the desired position, and while holding it firmly in place, turn the adjustment ring on the camera stand clockwise to tighten. Tighten the screws on the camera 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 included Allen key to adjust the ZOOM and FOCUS control screws on the bottom of the camera as required.



Camera Specifications

Image Sensor	1/3" Sony EXview HAD™ II 960H
Video Format	NTSC
Effective Pixels	H: 976 V: 494
Horizontal Resolution	700+ TVL
Scan System	2:1 Interlace
Sync System	Internal
S / N Ratio	> 48dB
Iris	AES
AES Shutter Speed	1/60 ~ 1/100,000 sec.
Min. Illumination	0.1 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)	33-104°
Termination	BNC Type
IR Range / Qty.	100ft / 30m; 36 IR LED's
Power Requirement	12V DC ± 10%
Power Consumption	420mA MAX with IR LED
Operating Temp. Range	14° ~ 122°F / -10° ~ 50°C
Environmental Rating	IP66
Dimensions	L: 9.3" (235mm), W: 4.4" (111mm), H: 5.1" (130mm)
Weight (including stand)	1.7lbs / 0.8kg

Dimensions

