

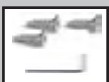
Contents



1 x Ultra Resolution Color Camera



1 x Sunshade Housing
1 x Sunshade Screw



3 x Mounting Screws
1 x Allen Key

Features

- Ultra Resolution 1/3" image sensor / 600TV
- True Day/Night with Mechanical ICR
- 3.6mm Wide Angle lens
- Cold climate capability (minimum operating temperature -22°F/-30°C)
- 70ft (21m) IR Night Vision*
- IP66 Weatherproof Rating**
- Cable through bracket design
- 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 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.

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.

IT'S ALL ON THE WEB!

- | | |
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| Product Information | Specification Sheets |
| User Manuals | Quick Start Guides |
| Latest News | Video Tutorials & Demos |



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ULTRA RESOLUTION IR NIGHT VISION CAMERA

MODEL: DBB43TL

QUICK START GUIDE

English Version 3.0

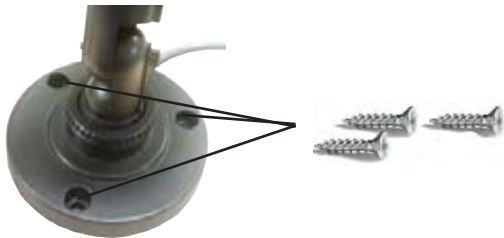


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Installing the Camera

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.

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.

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 without IR LED 0 Lux with IR LED |
| Video Output | Composite 1.0Vpp @ 75ohm |
| Lens Focal Length / Type | 3.6mm F2.0 / Fixed |
| FOV (Diagonal) | 78° |
| Termination | BNC Type |
| IR Range / Qty. | 70ft / 21m; 20 IR LED's |
| Power Requirement | 12V DC \pm 10% |
| Power Consumption | 12V: 200mA Max with IR LED |
| Operating Temp. Range | -22° ~ 122°F / -30° ~ 50°C |
| Environmental Rating | IP66 |
| Dimensions (LxWxH) | 7.4" x 2.6" x 2.4" 189mm x 67mm x 60mm |
| Weight (including stand) | 0.7lbs / 0.3kg |

Dimensions

