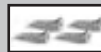# Contents

Ultra Resolution Outdoor IR Dome Camera

Mounting screws x 4

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 / 600TVL
- True Day/Night with Mechanical ICR
- 3.6mm Wide Angle lens
- Cold climate capability (minimum operating temperature -22°F/-30°C)
- 65ft (20m) IR Night Vision*
- IP66 Weatherproof Rating**
- 3-Axis design for Wall/Ceiling Mounting
- 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.

IT'S ALL ON THE WEB!

📁 Product Information

📄 Specification Sheets

📖 User Manuals

🕐 Quick Start Guides

📰 Latest News

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ULTRA RESOLUTION OUTDOOR IR DOME CAMERA

MODEL: DBV43TL

QUICK START GUIDE

English Version 2.0

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Installing the Camera

1. Rotate the camera base counterclockwise to separate it from the ball camera and dome cover.
2. Feed the BNC / power cable through the camera base.
3. Connect the video and power cable as shown in the next section 'Setting up the Camera'.
4. Mount the camera base to the wall or ceiling using the included screws.
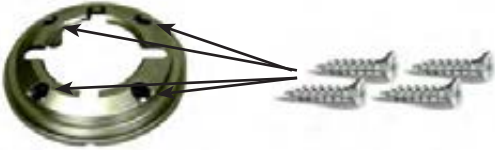
5. Position the dome cover over the camera and screw it clockwise halfway onto the camera base.
6. Move the ball camera to the desired position. While holding the ball camera firmly in place, screw the dome cover the rest of the way to secure it to the camera base. Holding the camera prevents it from moving while installing the dome cover.

Camera Base
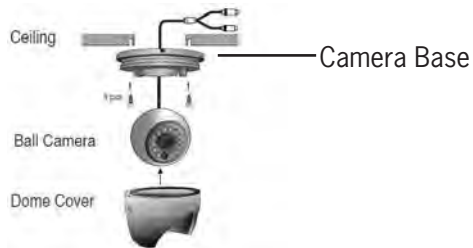
Setting up the Camera

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.

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.	65ft / 20m; 20 IR LED's
Power Requirement	12V DC ±10%
Power Consumption	12V: 200mA Max with IR LED
Operating Temp. Range	-22° ~ 122°F / –30° ~ 50°C
Environmental Rating	IP66
Dimensions (LxH)	2.8" x 3.8" 70mm x 95mm
Weight (including stand)	0.7lbs / 0.3kg

Dimensions

70mm / 2.8"

95mm / 3.8"