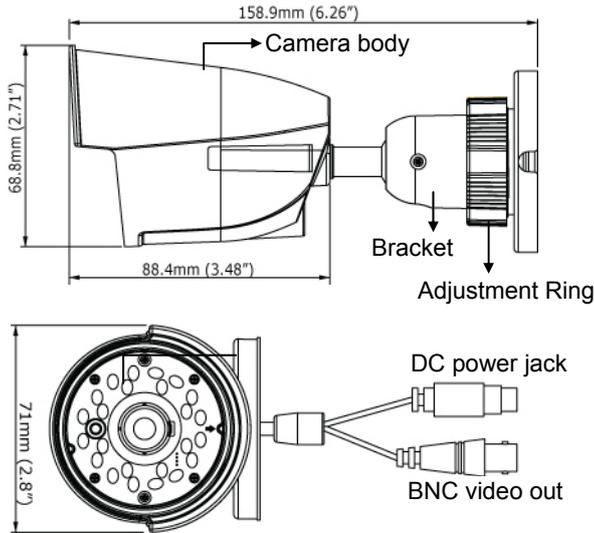


Waterproof IR D/N Bullet Camera



* Please read through this manual carefully before installation.
ZEIM-4000519G 357 A.2



Care on Operations

To guarantee the performance, never disassemble the camera body. All maintenance should be done by a qualified person.

Specifications

Signal System	NTSC	PAL
Image System		
Image Pickup Device	1/3" SONY Exview HAD CCD II	
Effective Pixels (HxV)	976 (H) x 494 (V)	976 (H) x 582 (V)
Electric		
Scanning System	2:1 Interlace V: 59.94 Hz , H: 15.734KHz	2:1 Interlace V: 50 Hz , H: 15.625 KHz
Sync System	Internal	
Horizontal Resolution	700 TV lines	
Built-in Lens	f=4.3mm,F1.8	
View Angle	Horizontal:73.7°,Vertical:47.3°	
Gamma Correction	0.45	
Minimum Illumination	F1.8 color mode : @50IRE, 0.04lux,@30IRE, 0.02lux IR LED ON:0 lux	
S/N Ratio	More than 50dB (AGC off)	
Gain Control	Auto	
White Balance	ATW (2500°K~10000°K)	
Electric Shutter	1/60~1/10k sec	1/50~1/10k sec
BLC	Always on (Center)	
Day/Night Mode	Digital day/night	
Video Output	1Vpp composite output, 75 ohm	
IR LED	Super power LED 24pcs	
IR Wavelength	850nm	
IR Distance	25M (80ft),base on object of view reflecting IR light	
IR Turn On Status	Under 10 lux by photocell auto controlled	
LED Life	More than 10,000 hours (50°C)	
Power Supply		
Power Requirement	DC 12V ± 10%	
Power Consumption	4W (max)	
Environment		
Operating Temperature	-10°C ~ 50°C	
Operating Humidity	90% MAX	
Storage Temperature	-20°C ~ 60°C	
Storage Humidity	70% MAX	
Mechanism		
Case Material	Metal	
Dimension (ΦxHxD)	Φ71mm x68.8mmx158.9mm (2.8"x 2.71"x 6.26")	
Weight	300g (0.67 lb) approx.	
Cable Management	Yes	
Protection Class	IP66	

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Package Contents

- IR Bullet Camera
- Accessory:
 - TP4-25L screw x 3,
 - 1/4"x 1 3/8" plastic anchor x 3
- Instruction manual
- Mounting Template

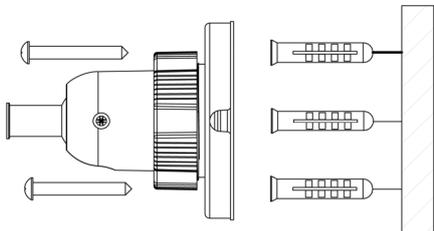
Camera Parts

1. Bracket
2. Camera body
3. DC power jack
4. BNC video output
5. Adjustment Ring

Installing the Camera

Step 1: Mounting the bracket

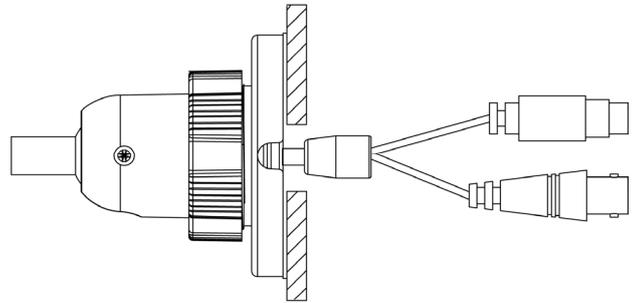
1. Affix the mounting template to desired location. Drill three holes on the installation surface and insert provided anchors into the pre-drilled holes.
2. Install the bracket base onto the installation surface and fasten securely using the provide screws.



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Step 2: Connecting the cables

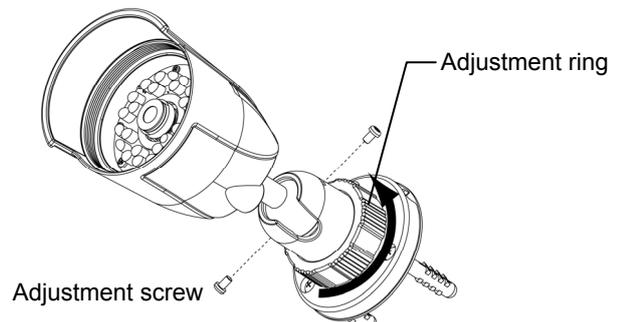
Connect the camera's power/video cable to external power and monitor.



• NOTE: the power jack is Ø2.0 mm.

Step 3: Adjusting the camera angle

Loosen the adjustment screws and rotate the adjustment ring to loose it. Adjust the angle for optimum image view. After the adjustment, re-tighten the adjustment ring and fasten the adjustment screws.



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