HD S Bullet Camera
User Manual

Thank you for purchasing our HDS camera. Please read this manual carefully for correct use of the product and keep it for reference purposes.

Warnings and Cautions

■ Disclaimer

This manual may contain several technically incorrect places or printing errors. The updates will be added into the new version of this manual. The content is subject to change without notice.

■ Avoid Electric Shock

To prevent electric shock, do not remove screws or cover.

■ Avoid excessive moisture

Do not use strong or abrasive detergents when cleaning camera body. Clean with dry cloth or mild detergent, wiping gently.

■ Do not use camera beyond prescribed voltage range.

Only use included power supply. Ensure power input source conforms to local voltage. Voltage outside of range could cause damage or abnormal performance.

■ Termly Inspection

A few parts of the device shall be replaced regularly due to their average enduring time.
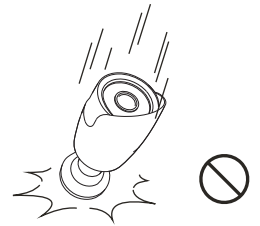

■ Never attempt to disassemble the camera privately.

It may result in internal components damaged.

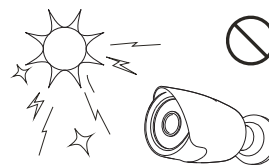| Do not place the camera in extreme hot or cold environment.	Do not drop the camera or subject it to physical shock.

Use only under temperature conditions between -40°C and +70°C. Provide good ventilation when using in high temperature conditions.

It may cause production malfunction.

Do not aim camera at sun or extra bright place.	Avoid touching the camera lens.

Strong light will degrade image quality and could cause damage.

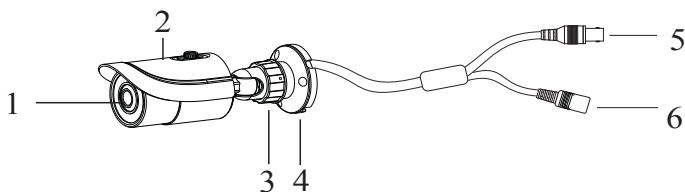The lens is the most important component of the camera. Be careful not to smear it with fingerprints.

Components and Accessories

Camera	
User Manual	
Screws	
Drill Template	

Overview

This series of the camera support varifocal lens and prime lens.

1	Lens Cover	4	Mounting Base
2	Sun Shield	5	Video Cable
3	Fixed Ring	6	Power Cable

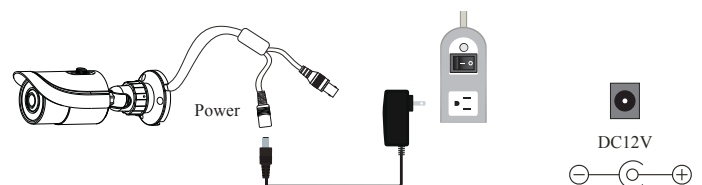XTS CORP - Headquarters
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Connecting to Monitor
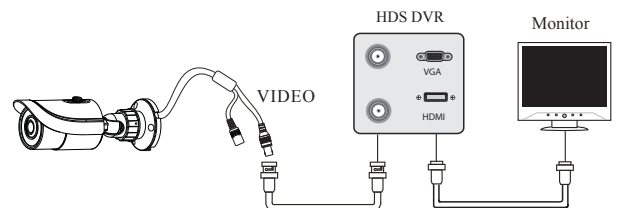
Connecting to Power

Connect the adapter to the power input connector in accordance with the camera. The recommended adapter specification for the camera is DC12V.

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Installation

😊 * Before you start, please make sure that the wall or ceiling is strong enough to withstand three times the weight of the camera.

1. Attach the drill template to the place where you want to fix the camera and then drill 3 screw holes and 1 cable hole (if you want to route the cables through the mounting base) according to the drill template.
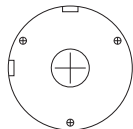
2. Route the cables and connect the power cable and video cable.

3. Secure the mounting base with camera to the ceiling or wall with screws as shown below.

Ceiling

Wall
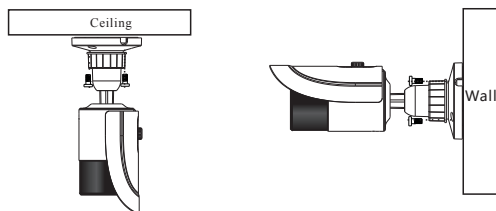
Installation

4. Bracket adjustment. Before adjustment, preview the image of the camera on a monitor and then loosen the fixed ring to adjust the panning and tilting position of the camera. After you adjusted, tighten the fixed ring.

360° Pan

90° Tilt
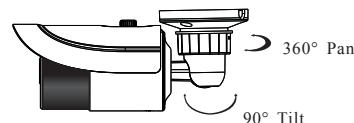
5. Remove the protection film softly to complete the installation.

😊 * This installation should be made by a qualified service person and should confirm to all local codes.

Correct Disposal of This Product

If the camera no longer functions or can no longer be repaired, it must be disposed of according to regulations reading electronic waste. By not disposing of electronic items in household waste you will not only be following the law, but contributing the protection of the environment.

Features

This series of cameras adopt the latest HDS technology and advanced circuit design, feature high definition and sensitivity, low noise and distortion and support HD video transmission with the common coaxial cable, ensuring the requirement of the HD monitoring in the traditional surveillance system.

● High Resolution

Adopt high performance HDS sensor, providing high definition and clear image, up to 720P / 1080P resolution.

● High Transmission Performance

Real-time transmission with high speed and long distance.

● ICR Auto Switch

The filter will filter infrared light during the daytime and change to normal at night to ensure a high sensitivity and clear image.

● Color-B/W Auto Switch

The camera will display color image in daytime and become monochrome automatically at night.

● Auto White Balance

Adjust the color temperature according to the environment automatically.

● 3-axis Adjustment

Adopt advanced 3-axis mechanism design to meet different mounting requirement by flexibly adjusting the lens into the required angle.

● DNR

Reduce noise from brightness and color signal to save storage room under low illumination condition.

Specifications

Model	BU1080PF-HDS
Image Sensor	1 / 3 " CMOS
Pixels	1920 x 1080
Signal System	PAL / NTSC
Min. Illumination	0 Lux (LED ON)
Lens	3.6 mm
IR Visible Distance	10~20 m
IP Rank	IP66
Video Out	BNC x 1
Resolution	1080P (1920 x 1080)
Frame Rate	30 fps (60Hz), 25 fps (50Hz)
ICR	Yes
DNR	Yes
S / N Ratio	> 52 dB (AGC OFF)
Electronic Shutter	1 / 60s ~ 1 / 67500s
AGC	Yes
White Balance	Auto White Balance
Power	DC12V ± 10%
Temperature	- 40°C ~ 70°C
Humidity	10% ~ 90%
Dimension (mm)	Φ 8 x1 83

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