

# LPR Camera User Manual

Before attempting to connect or operate this product, Please read instructions carefully and save this manual for future use.



## Notice

Do not disconnect the camera, If meeting something wrong with it, please contact to us ASAP.

To prevent fire and harm from electricity, please use the eligible power supply with safety certificate.

Avoid directing to sunshine, or will damage CCD.

Please gently use but avoid strong shake.

Please pay more attention to the requirement of Working temperature, and avoid working in high or low temperature. Recommend the temperature range: -5°C~45°C

When choosing the power supply please look at the specifications

## Brief introduction

Thank you for using our products.

This kind of cameras adopts SONY high sensitive image sensor, and also is a combination of camera, vandal-proof housing, lens and white light lamp. There are high stability and good picture, beautiful appearance and easy installment. They are suitable for catching license plate numbers at car park Entrance/Exit, underground garage Entrance/Exit and among others suchlike.

Note: the speed of electronic shutter is not adjusted so it fails to catch the plate numbers of high speed vehicles.

## The features

- Combination of camera, vandal-proof housing, lens and white light lamp.
- Strong light control function, can restrain the strong light coming from the headlight of Cars and catch clearly plate number of low-speed and stillness vehicles at night.
- Resolution: 420TVL
- SONY high sensitive image sensor
- White light lamp:φ5×24PCS
- Waterproof and Dustproof, reach IP66 standard
- Metal shell, vandal proof designment
- Power supply: DC12V

## Installment

1. Screw make the bracket to fix it on the wall.( bracket is needed to buy)
2. Make the camera fixed on the bracket
3. Connect BNC of Camera's Video out with BNC of Video Line
4. Connect DC12V with DC JACK of the Camera

a- video signal output port:



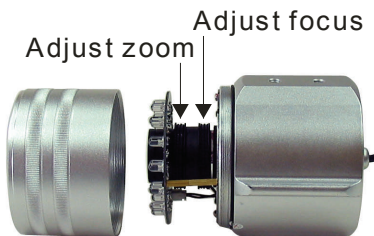
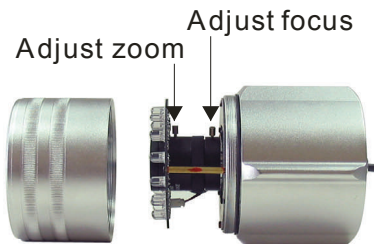
b- Power supply input port:



5. Adjust the camera to aim at the plate of vehicles.

6.Methods to adjust zoom and focus

- ① Unlock switcher of the front cap;
- ② Adjust zoom for suitable point;
- ③ Adjust the focus until the image is clear



**Models**

BN-133Q	540TVL, 12mm ( 4mm , 6mm , 8mm , 16mm , 25mm ) lens
BN-133Q-1	540TVL, 3.5 -9mm varifocal manual iris lens (CS mount)
BN-133Q-2	540TVL, 6 -15mm varifocal manual iris lens (CS mount)
BN-133Q-3	540TVL, 9 -22mm varifocal manual iris lens (CS mount)
BN-132D	420TVL, 12mm ( 4mm , 6mm , 8mm , 16mm , 25mm ) lens
BN-132D-1	420TVL, 3.5 -9mm varifocal manual iris lens (CS mount)
BN-132D-2	420TVL, 6 -15mm varifocal manual iris lens (CS mount)
BN-132D-3	420TVL, 9 -22mm varifocal manual iris lens (CS mount)

**Specifications**

Horizontal Resolution		540/420 TV Lines available
Image Sensor		1/3" Sony Super HAD CCD
Pixel	540TV lines	PAL: 752×582,NTSC: 768×494 (H ×V)
	420TV lines	PAL: 500×582,NTSC: 510×492 (H ×V)
Electronic shutter		PAL=1/50 -1/100,000 s ; NTSC=1/60 -1/100,000 s
Min. Illumination		0.1Lux
Light Status		<10 Lux white light lamp turn on automatically
Back light compensation		ON
Video output		1.0V <sub>P-P</sub> ,75Ω
Power Source		DC 12V
Power consumption		290mA
Dimensions		187×102× 95mm ( L×W×H )
Weight		net weight: 0.82kg , gross weight: 0.96kg