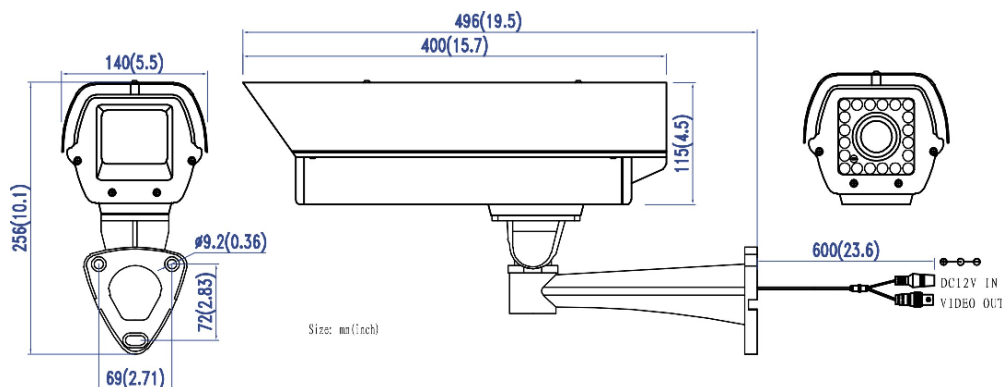# speco technologies®

License Plate Camera

CLPR67B4B

Installation Precautions

1. Avoid installing camera where there are frequent vibrations or shocks.
2. Please keep the glass in front of the camera clean. Do not touch it directly. Use a soft cloth with alcohol to wipe glass if necessary.
3. The available IR range of this camera is shown in the specification. Please be sure to place the camera within the specified range.
4. In order to prevent damage to the camera, please do not loosen any screws or covers unless modifying settings.
5. Please do not operate camera beyond conditions listed in the specification.

Use 12V DC regulated power supply to avoid damaging camera.

Included Accessories

1.	User Manual	x1
2.	Screws	x4
3.	Anchors	x4
4.	Adaptor	x1
5.	Hex shape Wrench	x2
6.	DC Connector	x1
7.	Mounting template	x1

Specifications

ITEM	CLPR67B4B
IP Rating	IP66
Type	Monochrome
Signal System	NTSC/PAL
Pick Up Device	1/3" Sony High Resolution CCD
Picture Elements	NTSC: 811H×508V; PAL: 795H×596V
Resolution	550 TV Lines
LEDs	20 Super High Power LEDs
Vertical Frequency	NTSC: 60Hz; PAL: 50Hz
Horizontal Frequency	NTSC: 15.734KHz; PAL: 15.625KHz
Clock Frequency	NTSC: 28.636MHz; PAL: 28.375MHz
Scanning System	2:1 Interlace
S/N Ratio	≥50dB
Lens	10-40mm Varifocal Auto Iris IR Lens
Video Output	$1V_{p-p}$,75Ω
Power Supply	DC12V ± 10%
Current Consumption	1300mA (Max)
Recommended IR Range	16.3ft – 98.3ft (5m – 30m)
Dimension	18.23" × 9.45" × 5.51" (463 × 240 × 140mm)
Weight	88.2oz (2500g)
Storage Temperature	-22 ~ 140°F (-30 ~ 60°C)
Operating Temperature	-22 ~ 104°F (-30 ~ 40°C)

We reserve the right to modify product design and specification without notice and without incurring any obligation

Changing IR Settings

If you want to change the IR settings, please remove the rear cover.

There are two Resistors with phillips head knobs, refer to the picture below.
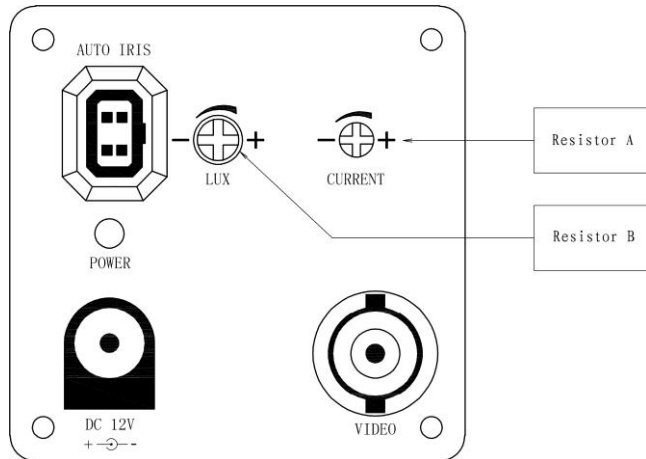
Resistor A: Controls the intensity of the IR LEDs

   Turning ↻(Clockwise) will increase intensity

   Turning ↺(Counter-Clockwise) will decrease intensity

Resistor B: Controls the lux threshold needed for triggering the IR LEDs

   Turning ↻(Clockwise) will increase lux threshold

   Turning ↺(Counter-Clockwise) will decrease lux threshold

Lens Adjustment:

① Use the hex shape Wrench to loosen the two screws on the left side of camera housing, then you can open the sun shield.

② Remove the foam covering the box camera, and move forward the box camera into the hole of IR board.

③ Adjust the lens till the image is perfect, and then tighten the two screws on the plastic plate.

④ Re-screw the sun-shield.

Refer to the diagram below for optimum viewing angle.