

Heavy Duty 28pcs IR LED Night Enhanced IP69K Waterproof Backup Camera

Part No:LC-028A

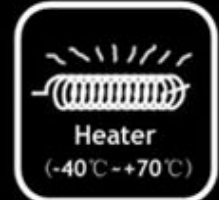
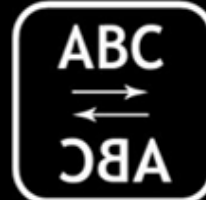
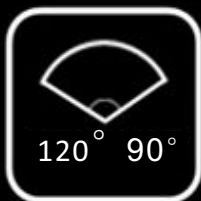
120° (H=90°) For reversing safety



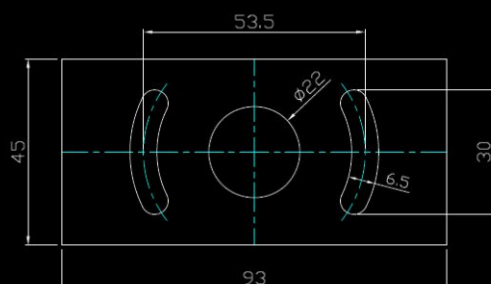
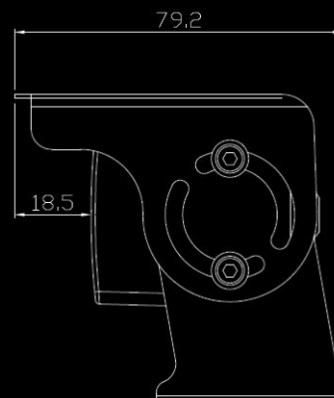
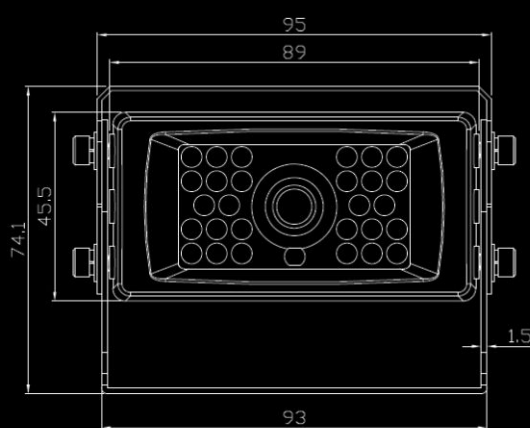


Features:

- Excellent performance in night vision
- E-mark (E9) , CE, FCC certification
- Waterproof rating: IP69K
- Wide view angle = 120°(Horizontal = 90°)
- Sharp CCD/Sony CCD/Pixelplus CMOS/Aptina AHD Cmos optional
- Full Aluminium alloy housing
- Mirror / Normal image switch (optional)
- Heater built-in for -40°C~+70°C environment (optional)



Dimensional Drawing:



Specification:

LC-028A Night Vision Enhance Backup Camera

TV System	NTSC / PAL
Resolution	N:510×492pixels P:500×582 pixels
Image sensor	1/4" Sharp CCD
Waterproof rating	IP69K
Horizontal Resolution	420TV Lines
Min illumination	0LUX(LED ON)
Power supply	12V DC
Power consumption	1.8W(@12V DC)
Current consumption	150mA
View angle	120°(D) 90°(H) 75°(V)
Operation temperature	-20°C~+70°C
Weight	500g
Dimension(W*H*D)	95*74*80mm(Camera)

LC-028A AHD Rear view / Front view camera

TV System	NTSC/PAL
Resolution	1280*960(1.2M Pixels)
Effective Pixels	1,300,000 Pixels
Image sensor	1/3" PIXEL CMOS AHD 720P
Waterproof rating	IP69K
Min illumination	0LUX(LED ON)
Power supply	12V DC
Power consumption	1.8W(@12V DC)
Current consumption	150mA
View angle	120°(D) / 90°(H)
Operation temperature	-20°C~+70°C
Weight	500g
Dimension(W*H*D)	95*74*80mm(Camera)



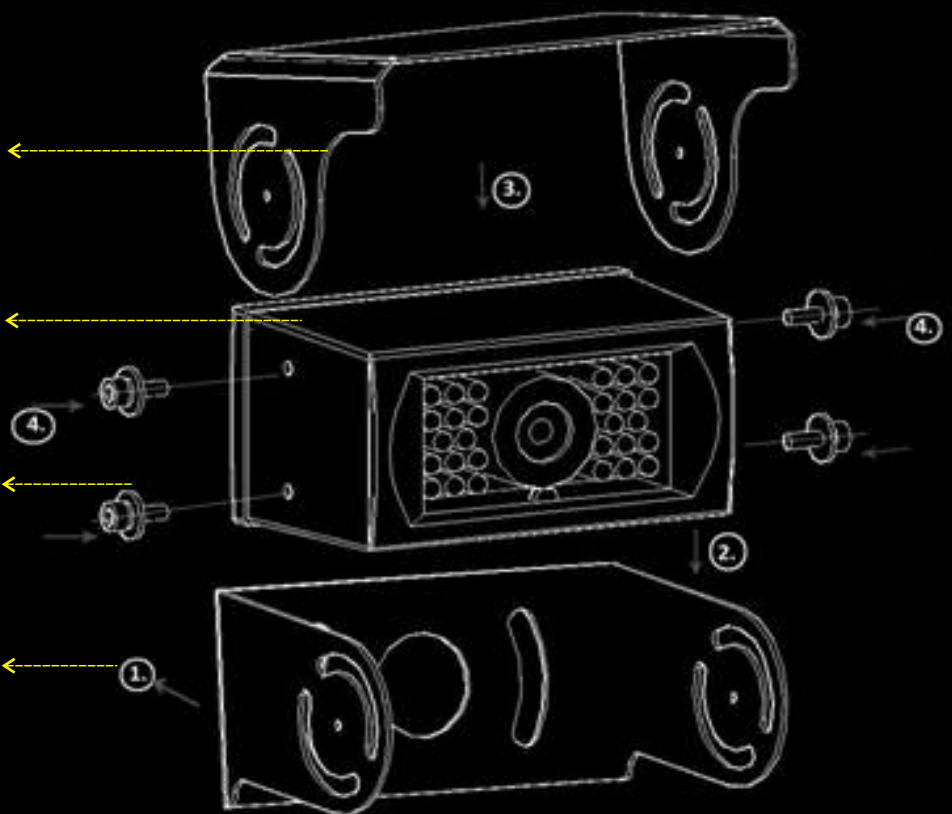
Basic Operation:

Step 3: Fit on sunshield.

Step 4: Adjust the camera's view direction, screw up 4 screws.

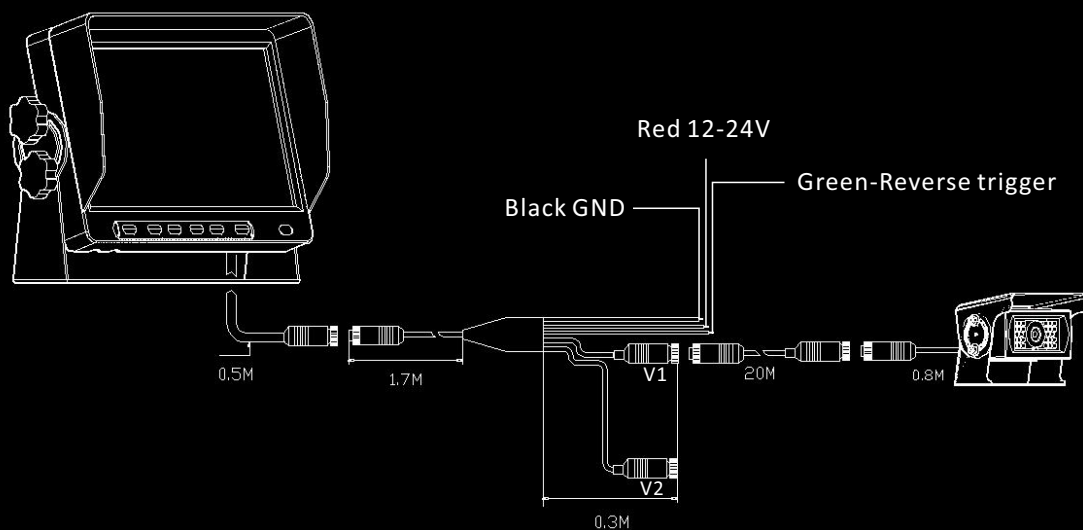
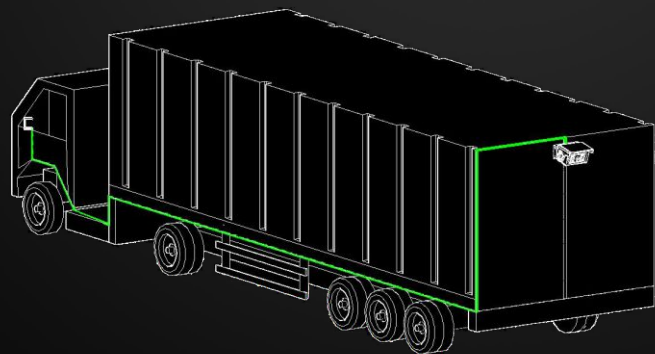
Step 2: Camera embed + cable pass through the hole.

Step 1: Mounted the bracket on the correct position of vehicle.



Position Camera:

Mount camera assembly high mounted. (Centred.)

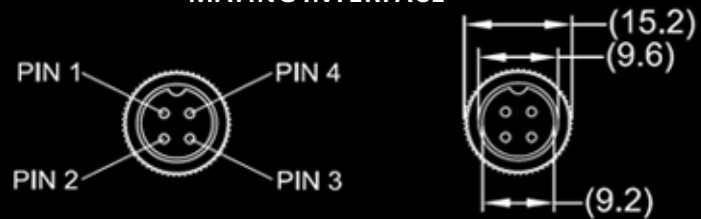


Connector Defintion:



**M12 4 pins Aviation
Female Connector**

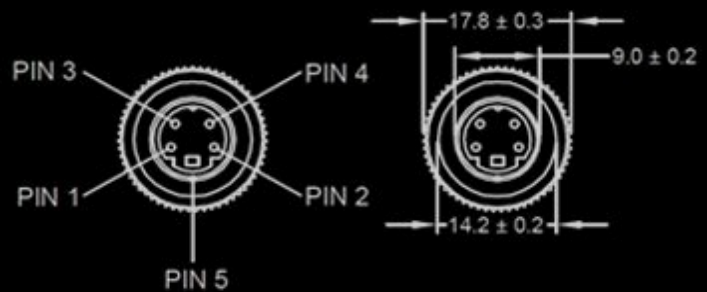
4PIN FEMALE MATING INTERFACE



PIN#	WIRE COLOR	DESCRIPTION
1	RED	+12V
2	BLACK/SHIELD	GND
3	WHITE	AUDIO
4	YELLOW	VIDEO



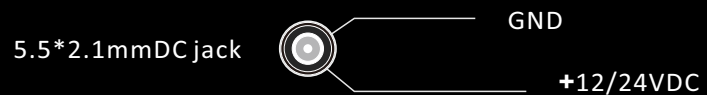
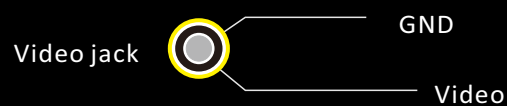
**S-Video 4-pin Aviation
Male Connector**



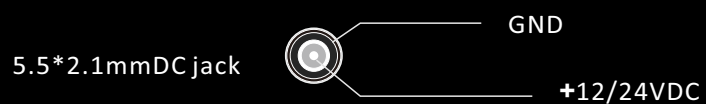
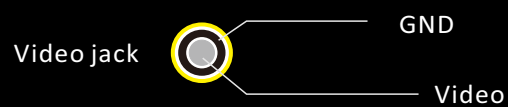
PIN#	WIRE COLOR	DESCRIPTION
1	YELLOW	VIDEO
2	RED	+12V
3	BLUE	N.C
4	WHITE	AUDIO
5	BLACK/SHIELD	GND



RCA +DC



BNC + Dc



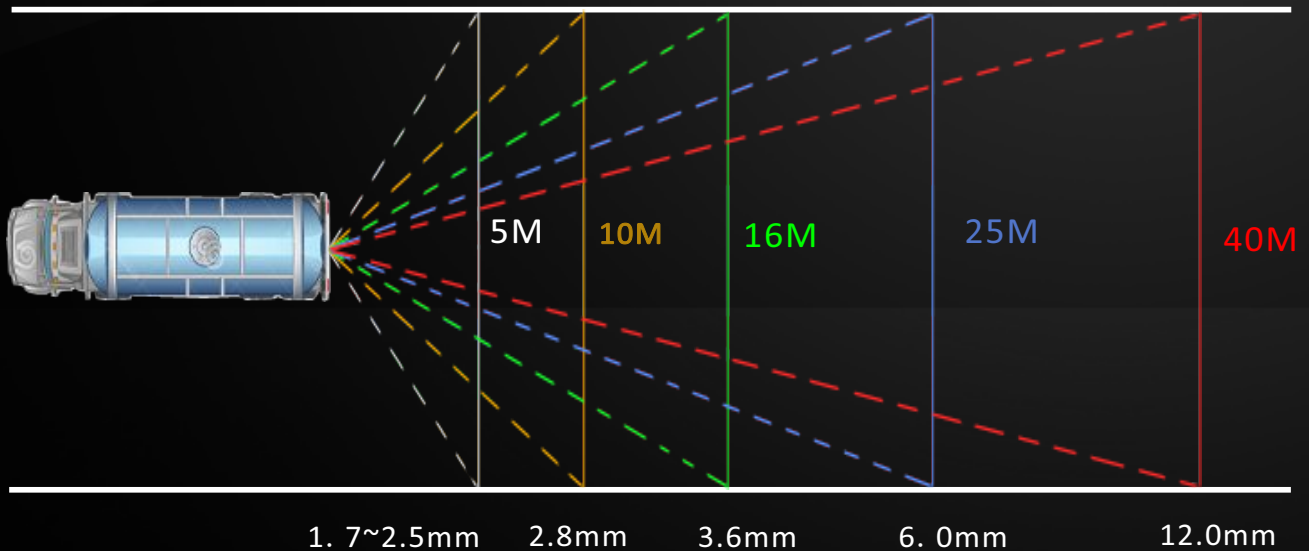


View Angle & Lens:

1/4" CCD Sensor (default lens = 2.5mm)								
Lens (mm)	1.7	2.5	2.8	3.6	4.3	6.0	8.0	12.0
Diagonal	133°	110°	80°	73°	63°	48°	33°	23°
Horizontal	107°	87°	65°	59°	53°	40°	28°	20°
Vertical	73°	63°	50°	45°	40°	31°	23°	15°

1/3" CCD Sensor (default lens = 2.8mm)								
Lens (mm)	2.75	2.8	New2.8	3.6	4.3	6.0	8.0	12.0
Diagonal	140°	105°	115°	93°	82°	61°	45°	30°
Horizontal	109°	85°	88°	75°	65°	50°	37°	25°
Vertical	80°	64°	68°	59°	51°	39°	29°	19°

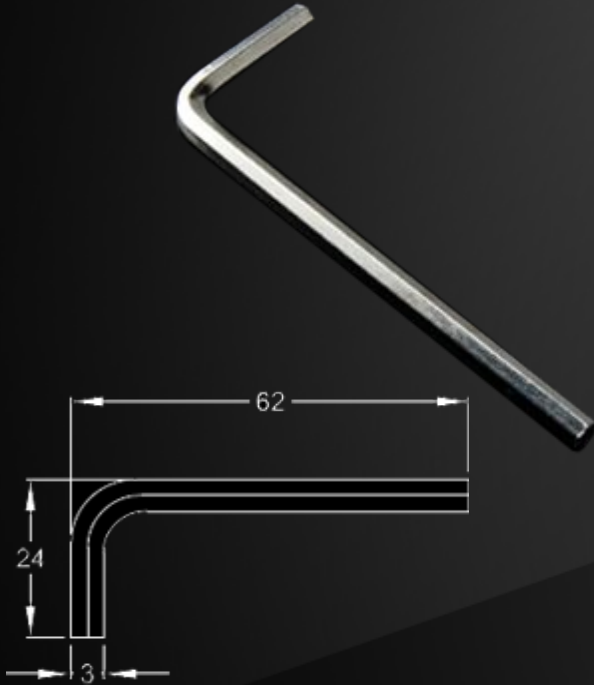
View angle	105°	80°	75°	50°	25°
View distance	5M	10M	16M	25M	40M



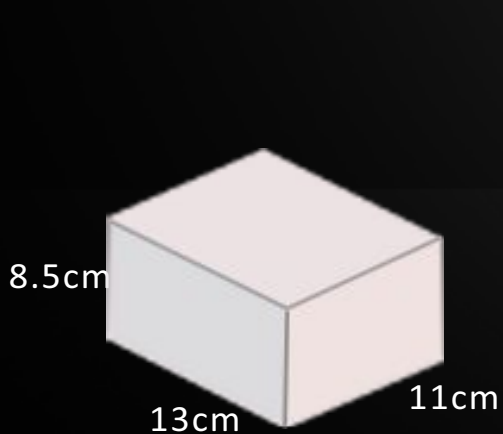


Packing:

- 1.-Rear view camera x 1pc
- 2.-L type Allen wrench (3mm)



Packing box & carton dimension:



0.6kg/pc



40pcs per carton/Weight:24kg

ADD:3/F, Blcok A8, Kaida Industry Park, Qiaochang Road,Qiaotou , Dongguan , Guangdong,China.



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