

Metal Housing Heavy Duty Side View Camera

Part No:LC-009D1

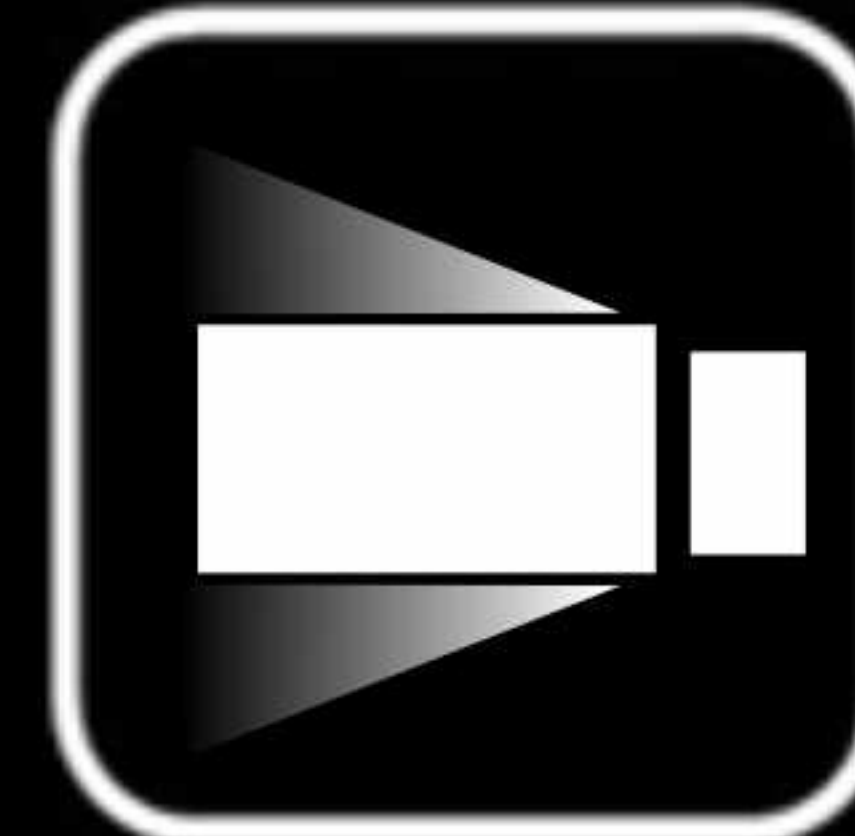
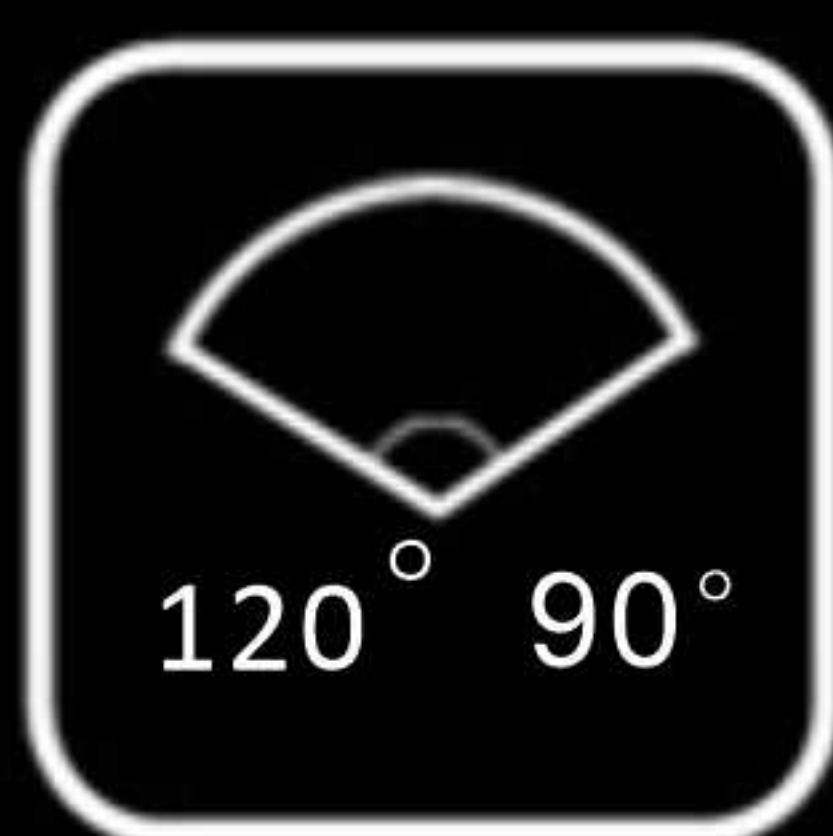
120° (H=90°) For reversing safety



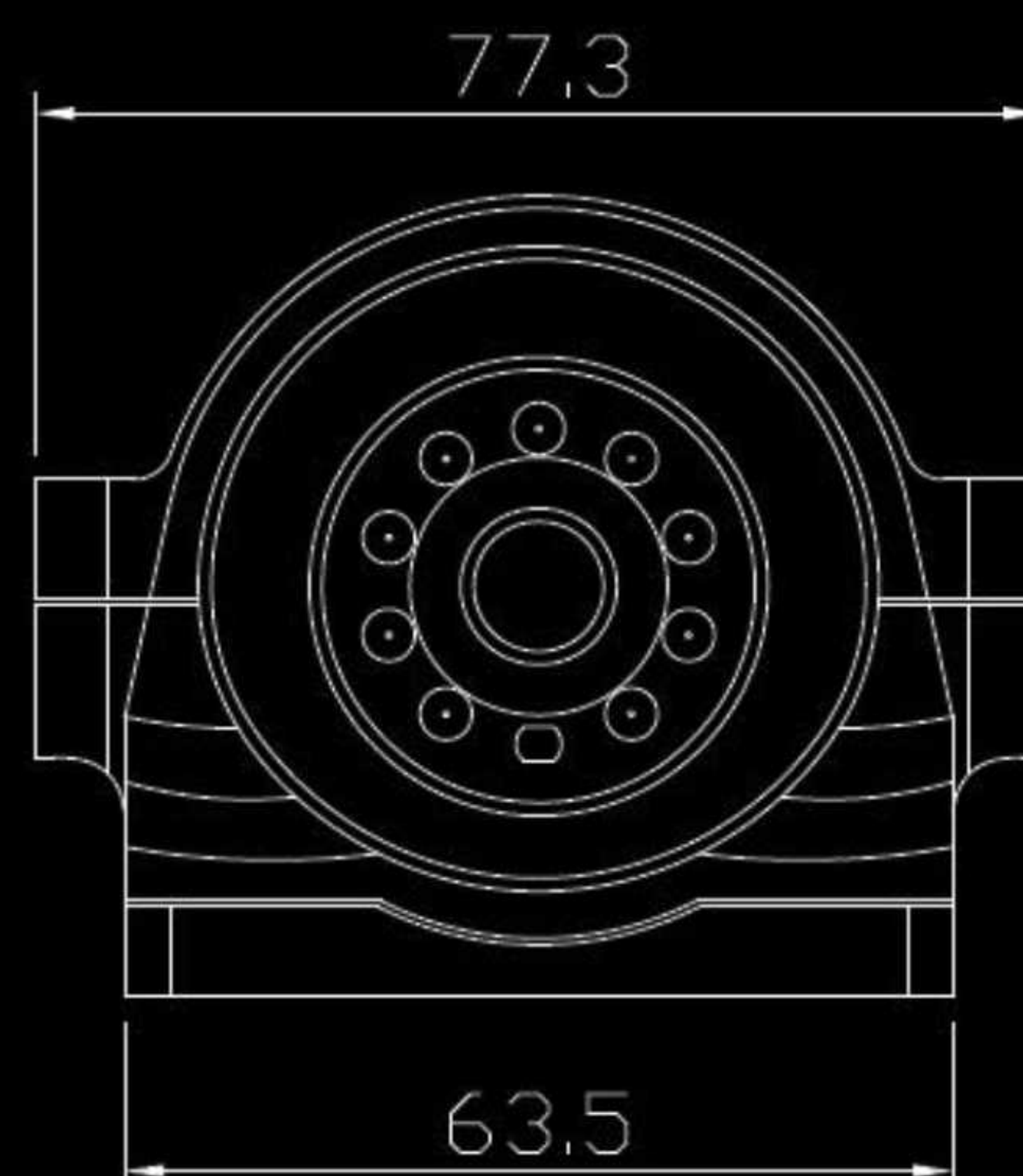
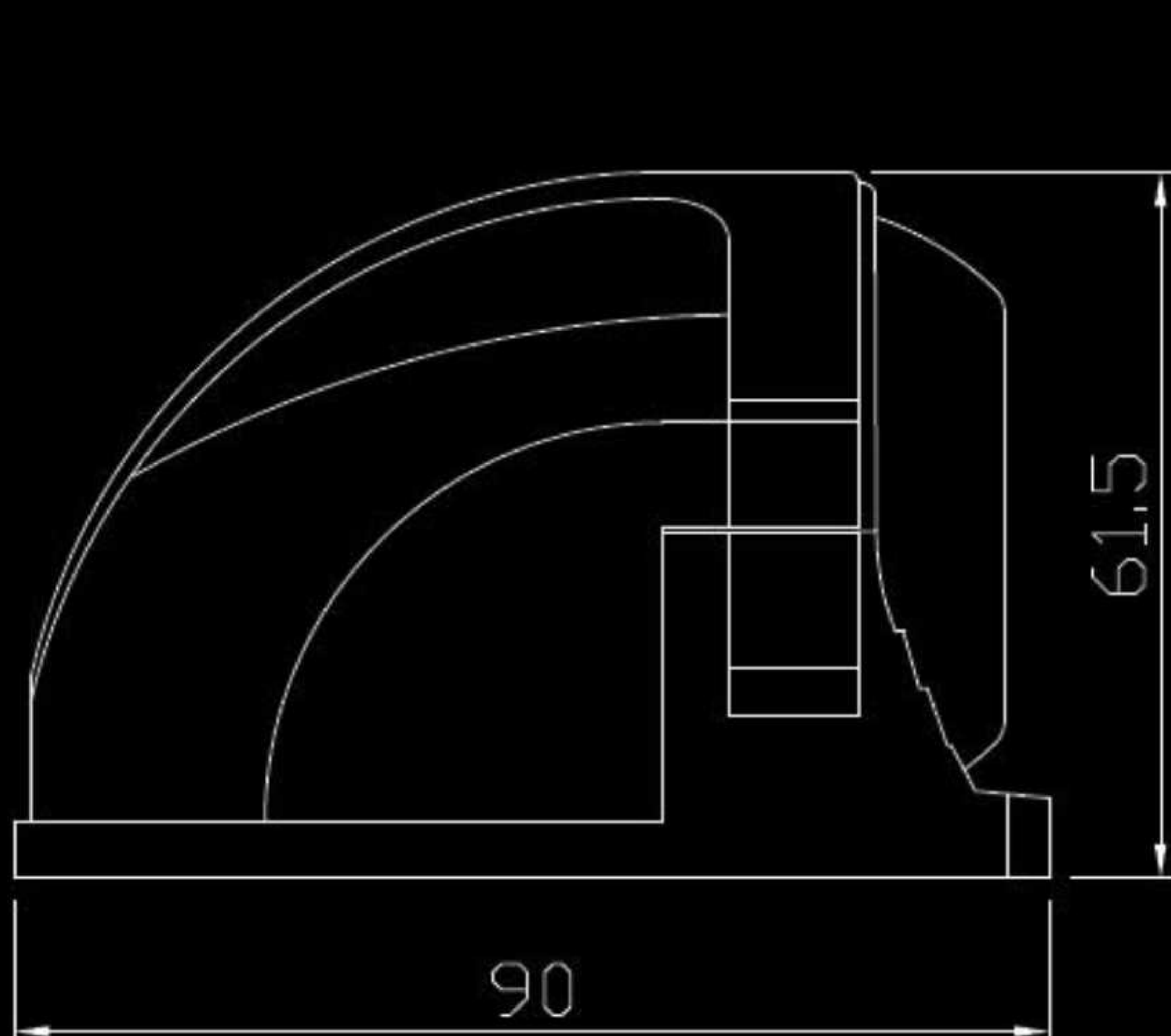


Features:

- Special for left & right side view camera easy adjust view angle
- E-mark (E9) , CE, FCC certification
- Waterproof rating: IP68
- Wide view angle = 120°(Horizontal = 90°)
- SOI H68 960P /GC2053 1080P/SONY IMX307 1080P etc..
- Full Aluminium alloy housing
- Mirror / Normal image switch (optional)
- Heater built-in for -40°C~+70°C environment (optional)



Dimensional Drawing:





Specification:

LC-009D1 Metal Housing Heavy Duty Side View Camera

Subject	CVBS 700TVL(960P)	AHD 720P/1080P	AHD 1080P
Image sensor	1/3" SOI CMOS	1/2.9" GC2053 CMOS	1/2.8" SONY IMX 307 CMOS
Resolution	1280*960 Pixels	1920*1080 Pixels	1920*1080 Pixels
Lens	2.8mm 6layers Glasses	2.8mm 4 layers Glasses	2.8mm 4 layers Glasses
View Angle	D145° H90° V63°	D125° H103° V55°	D135° H110° V60°
VideoOutput	CVBS	AHD	AHD
Min Illumination	0 LUX (LED ON)		
IR LED	12pcs φ5 940nm LED		
TV System	NTSC / PAL		
Power Supply	12V DC (12-24V Opional)		
Current Consumption	60mA (IR OFF) / 200mA (IR ON)		
Power Consumption	Less than 3W		
Waterproof Rating	IP69k		
Weight	250g		
Dimension(W*H*D)	90*77*61mm (Camera)		
Operation Temperature	-40~+85 °C		



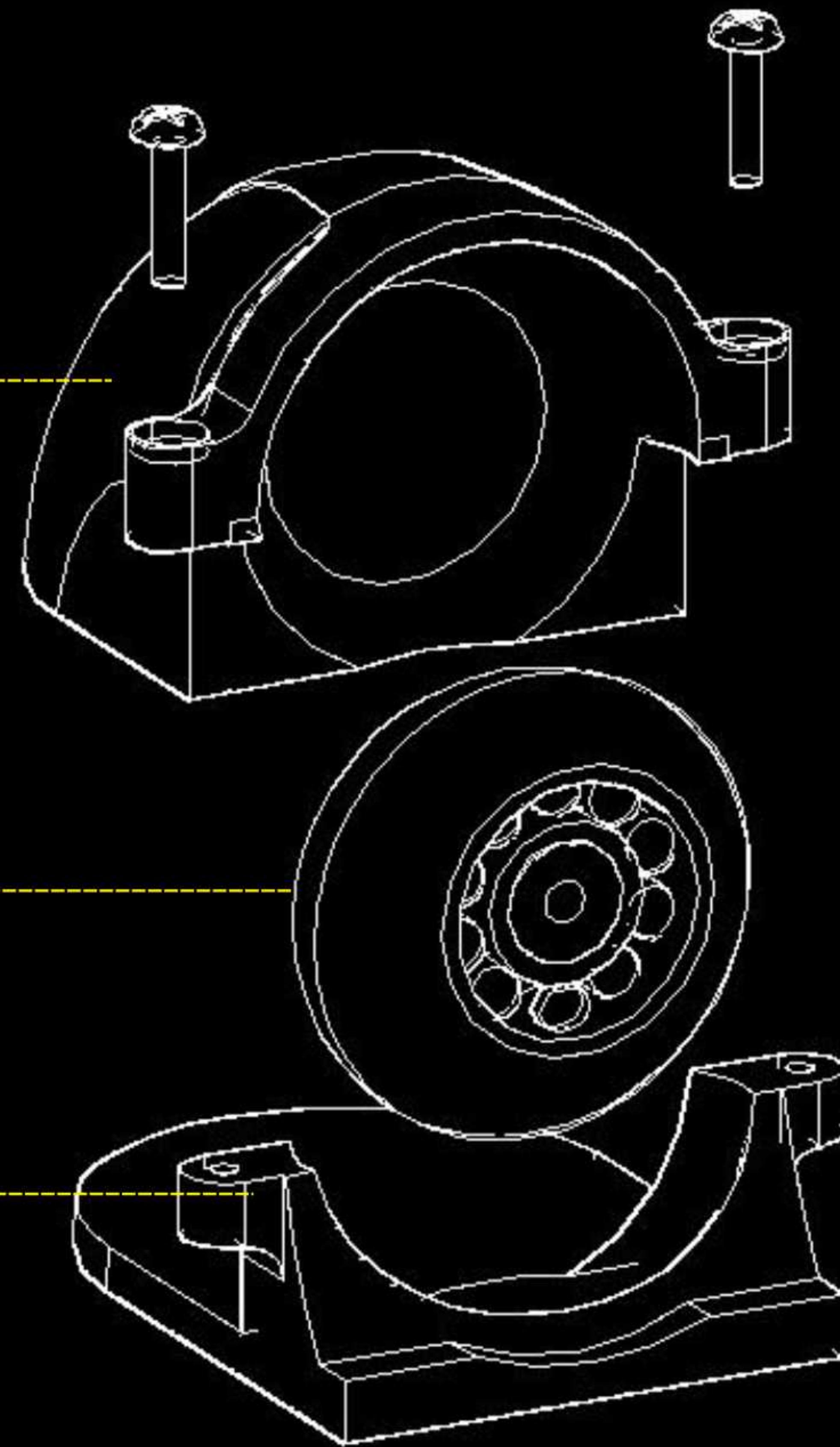


Basic Operation:

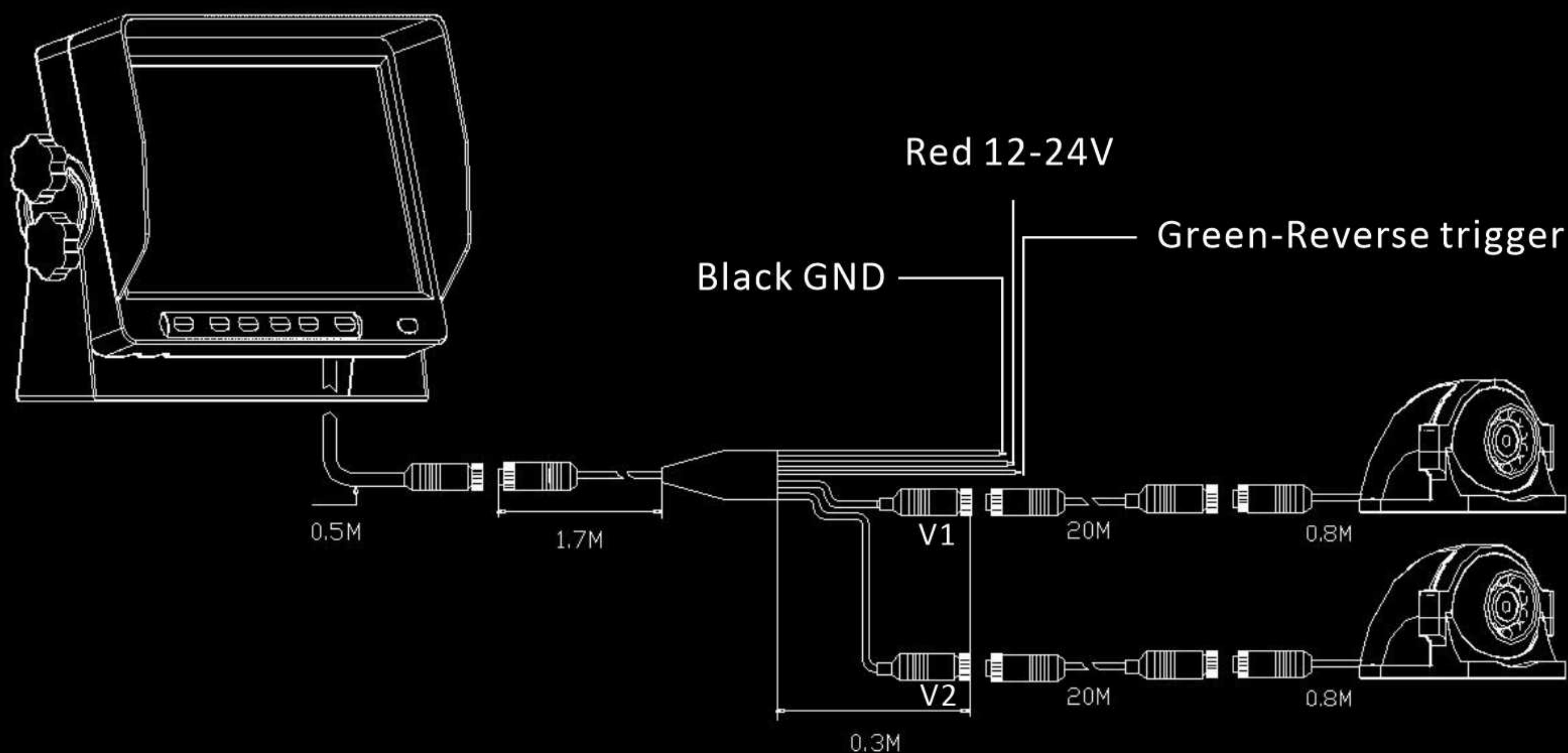
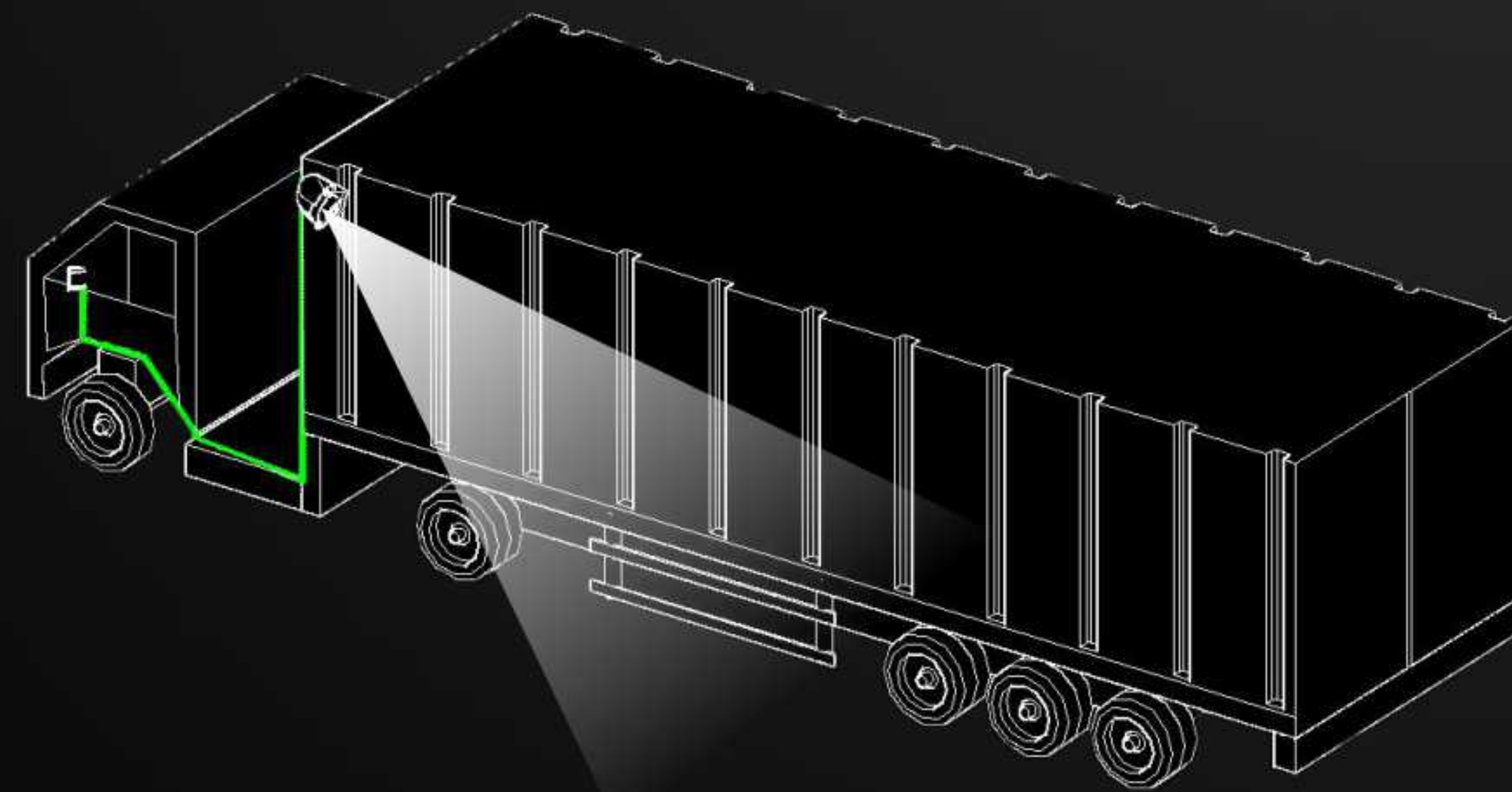
Step 3: Install the cover +
adjust the camera's view
direction, tighten screws.

Step 2: Ball camera embed +
Cable pass through the hole.

Step 1 Mounted the base
on the right position.



Position Camera:



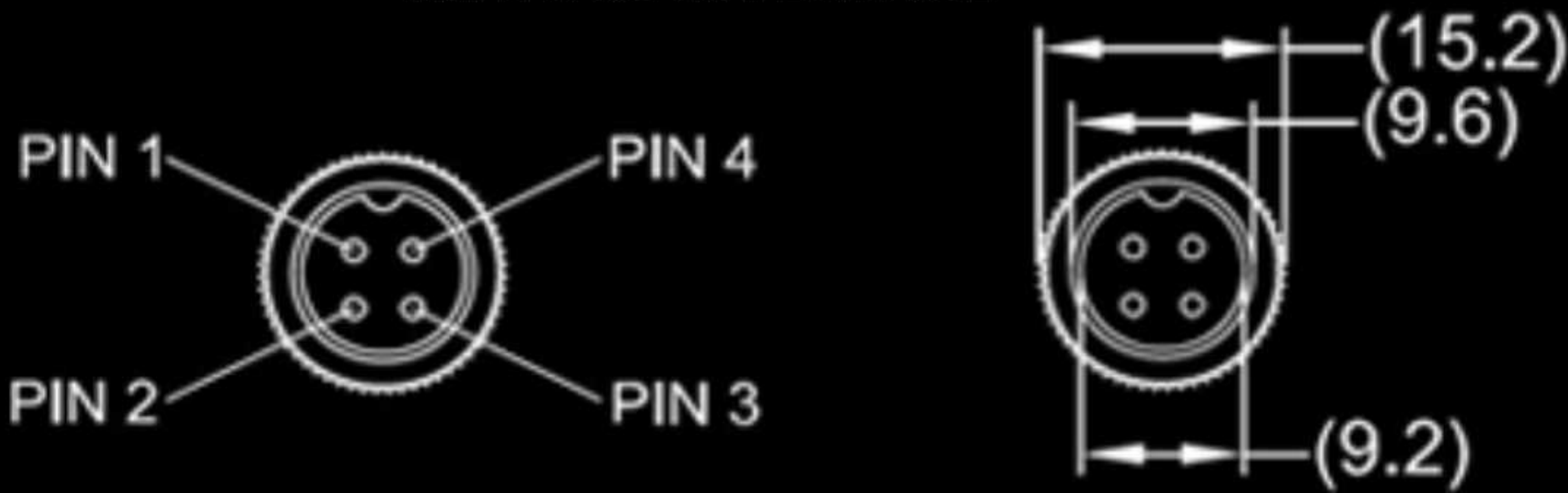


Connector Definition:



M12 4 pins Aviation Female Connector

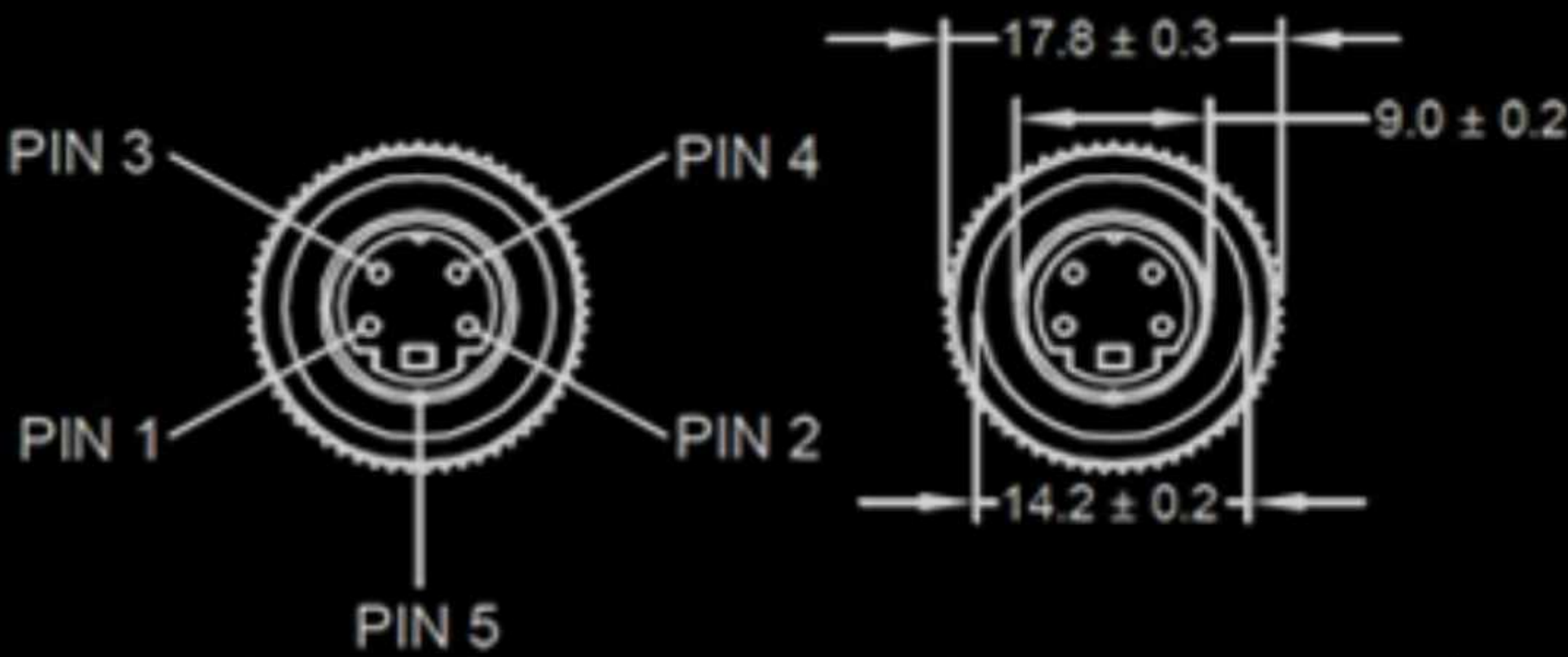
4PIN FEMALE MATING INTERFACE



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



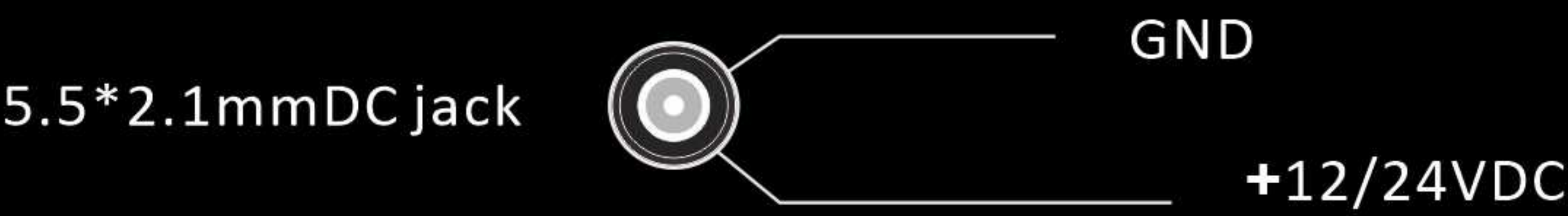
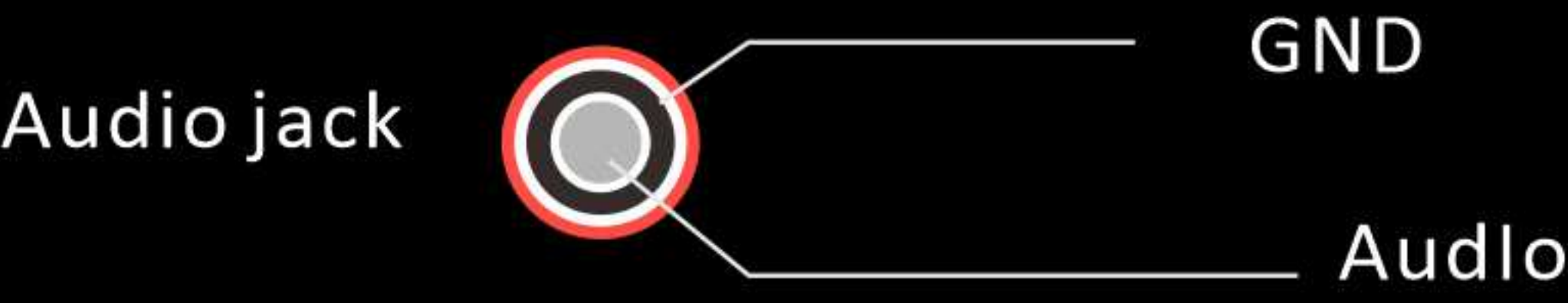
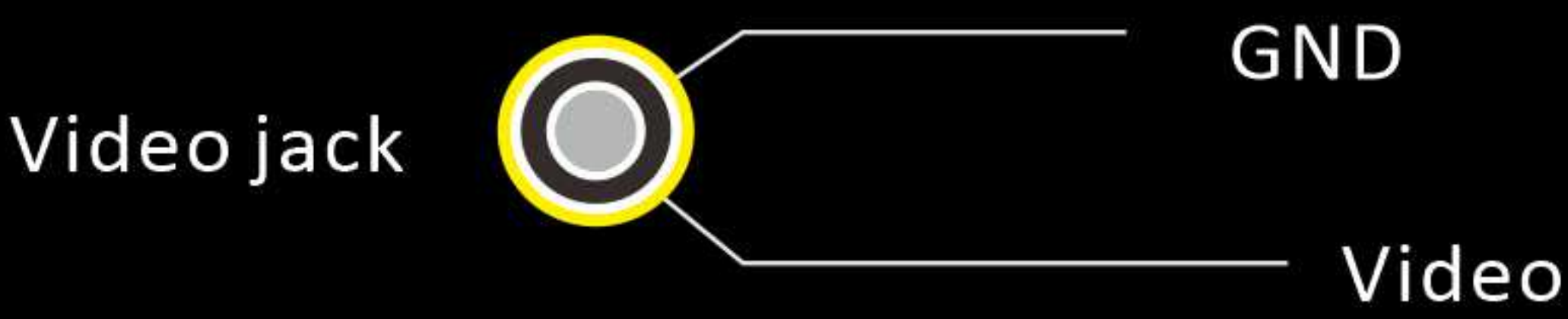
S-Video 4-pin Aviation Male Connector



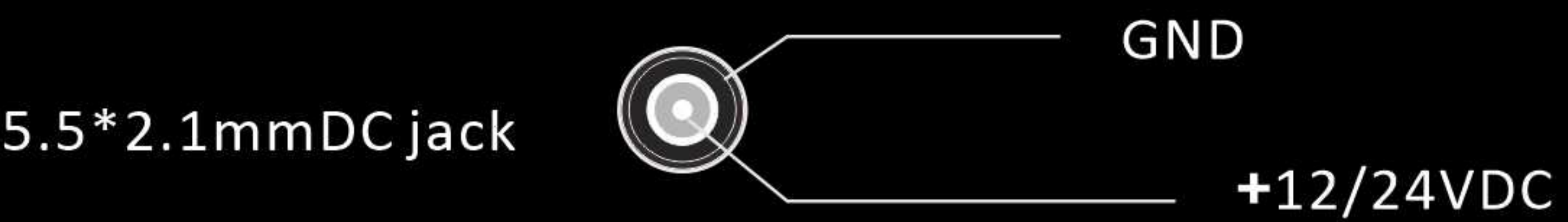
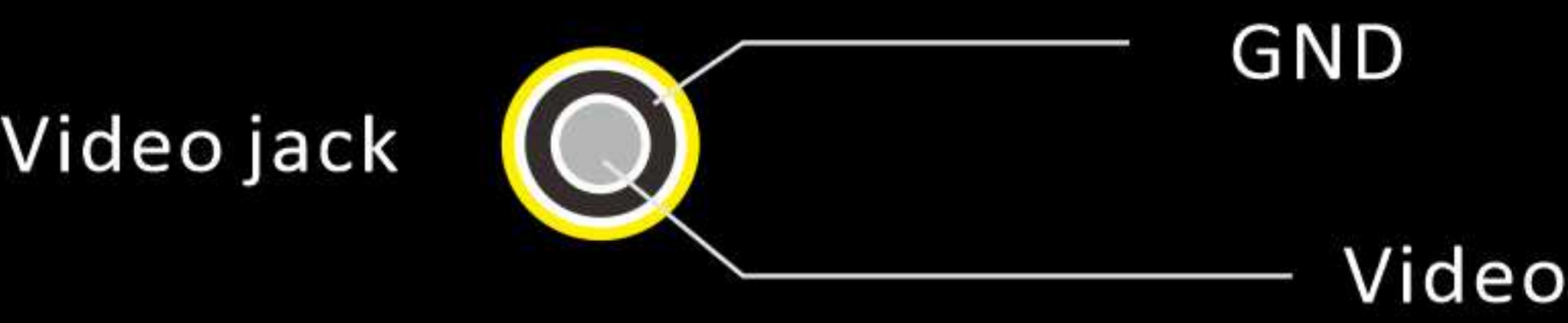
PIN#	WIRE COLOR	DESCRIPTION
1	YELLOW	VIDEO
2	RED	+12V
3	BLUE	N.C
4	WHITE	AUDIO
5	BLACK/SHIELD	GND



RCA + DC



BNC + DC



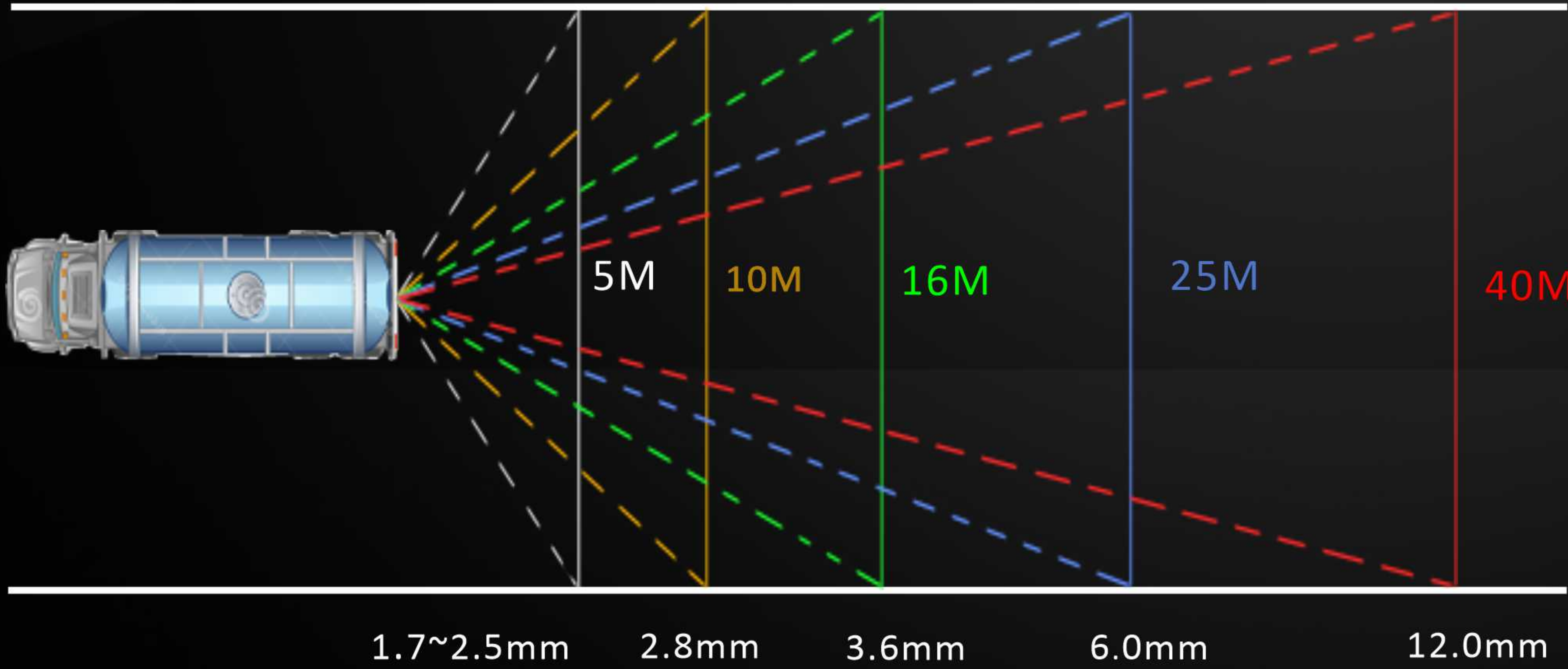


View Angle & Lens:

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





Order code:

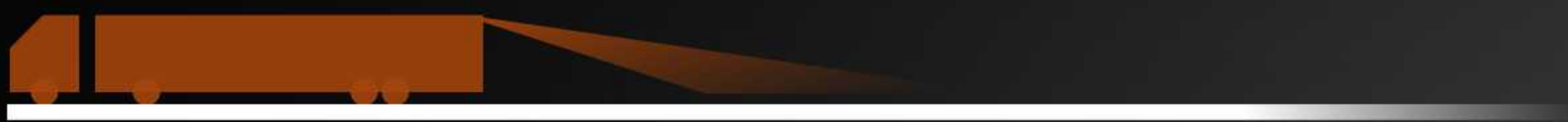
Sensor type	Order code
1/3" SOI H68 CMOS CVBS 1280*960P	1
1/3" SONY CCD 700TVL CVBS N:976*494 pixels P: 1020*508 pixels	2
1/3" APTINA CMOS AHD 720P 1280*960P (1.3M Pixels)	3
1/2.9" GC2053 CMOS AHD 1920*1080P (2.0M Pixels)	4
1/2.8" SONY CMOS IMX307 AHD 1920*1080P (2.0M Pixels)	5
Optional Function	
Audio(Microphone built-in)	0(NO) / 1(Yes)
Heater built-in	0(NO) / 1(Yes)
Mirror/Normal image	0(Mirror image) / 1(Normal image)
Connector:4PIN/RCA/S-video/BNC	1 / 2 / 3 / 4
Voltage	12 / 24
Color	B(Black) / W(White)
TV system	P(PAL) / N(NTSC)

Original Code Definition:

LC-009D1(#:2000212BP)

1/3" SONY CCD 700TVL CVBS
NO Microphone
NO Heater
Mirror image

TV system PAL
Color black
Voltage 12V DC
RCA connector



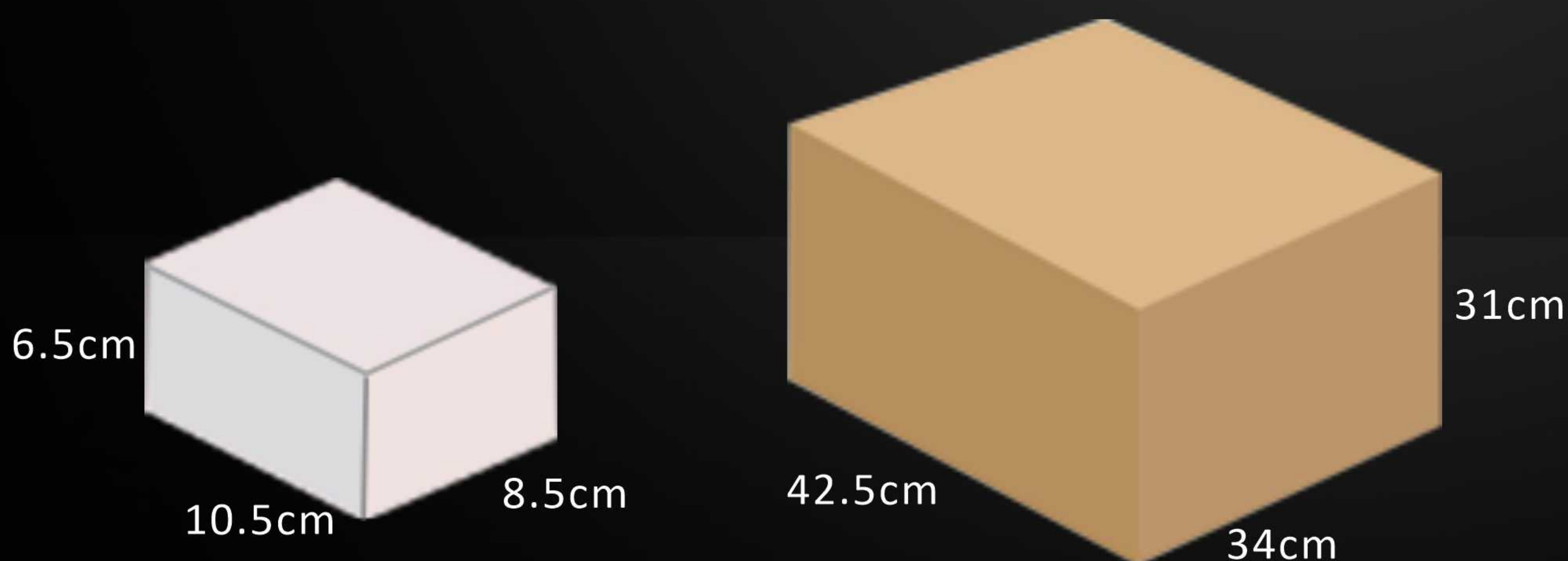
Packing:

1.-Side view camera x 1pc

2.-4pcs M4 Screws for camera mounting



Packing box & carton dimension:



0.4kg/pc

40pcs per carton/Weight:16kg



lntech



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