

Product highlights:

1. Integrated design, quick disassembly structure and convenient installation

2.5.4/35mm Visible light camera+3000m Laser Ranging

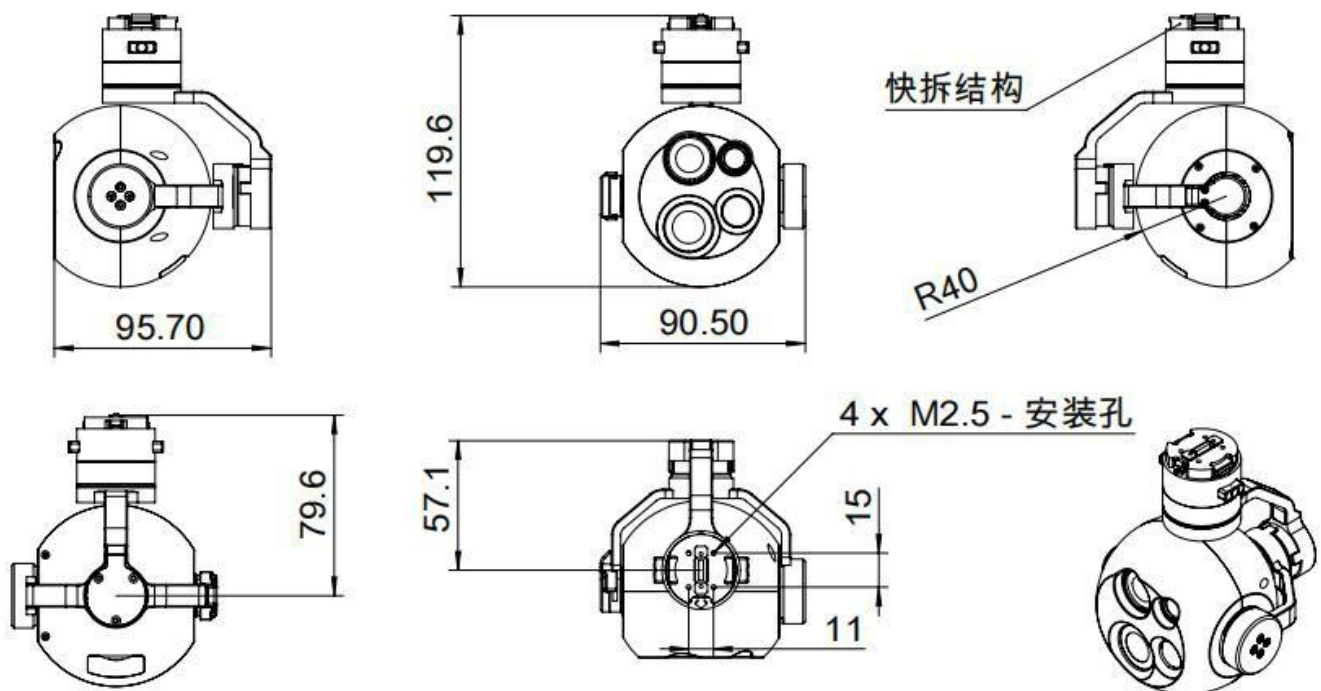
3. High precision laser ranging, target positioning, unparalleled

4. With AI passenger car recognition function

5. 360 ° infinite cyclic rotation

6. Small size, light weight and low power consumption

Dimensions



Parameters

MODEL		M2IR-01
System specification	System type	Gyro stability
	Weight	380g
Stable system	Platform type	Tri-axis
	Azimuth	360° rotation
	pitch	-100° ~+100°
	Maximum search angular velocity	$\geq 100^\circ /s$
	Stability accuracy	0.1mrad(1° /2HZ)
	Angular position accuracy	$\leq 0.3^\circ$
Visible light camera 1	Resolution and frame rate	1920×1080 @60fps
	FOV	54.5°×32.3° (5.4mm prime lens)
Visible light camera 2	Resolution and frame rate	1920×1080 @60fps
	FOV	9.1°×5.1° (35mm prime lens)
Ranging	Laser Ranging	Range $\geq 3\text{km}$; Accuracy $\pm 1\text{m}$
Tracking module	Frame rate	60Hz
	Tracking speed	± 48 Pixel/frame
System external interface	Control	RS232、NET
	Video output	NET
Power supply	Power	12~28V
	Power consumption	$A_v \leq 10\text{W}$, $\text{Max} \leq 20\text{W}$
Environmental conditions	Operating temperature	-20°C ~+50°C
	Storage temperature	-40°C ~+60°C