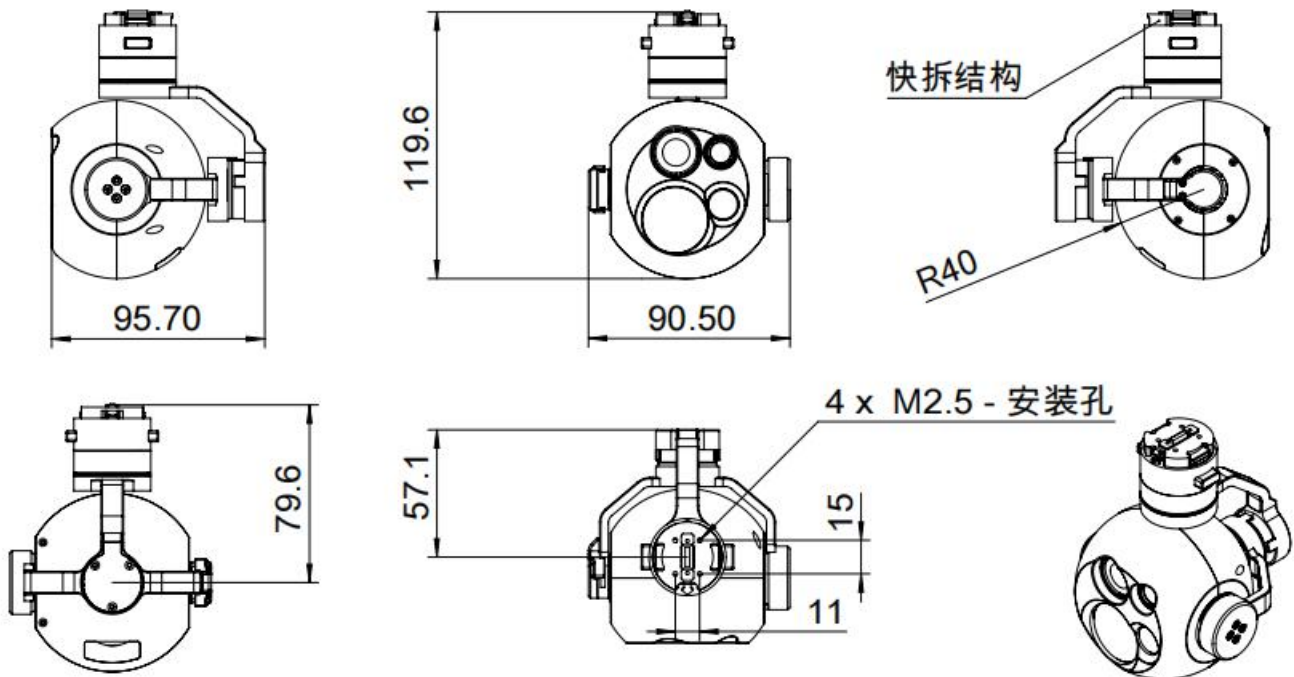


## Product highlights:

1. Integrated design, quick disassembly structure and convenient installation
2. 5.4mm Visible light camera+24mm Infrared 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

<b>MODEL</b>		<b>MIVR-01</b>
System specification	<b>System type</b>	Gyro stability
	<b>Weight</b>	380g
Stable system	<b>Platform type</b>	Tri-axis
	<b>Azimuth</b>	360° rotation
	<b>Pitch</b>	-100° ~+100°
	<b>Roll</b>	-45° ~+45°
	<b>Maximum search angular velocity</b>	$\geq 100^\circ /s$
	<b>Stability accuracy</b>	0.1mrad(1° /2HZ)
	<b>Angular position accuracy</b>	$\leq 0.3^\circ$
Visible light camera	<b>Resolution and frame rate</b>	1920×1080 @60fps
	<b>FOV</b>	54.5°×32.3° (5.4mm prime lens)
Infrared camera	<b>Resolution and frame rate</b>	640×480@60fps
	<b>FOV</b>	18.1°×13.6°(24mm prime lens)
<b>Ranging</b>	<b>Laser Ranging</b>	Range $\geq 3\text{km}$ ; Accuracy $\pm 1\text{m}$
Tracking module	<b>Frame rate</b>	60Hz
	<b>Tracking speed</b>	$\pm 48$ Pixel/frame
System external interface	<b>Control</b>	RS232、NET
	<b>Video output</b>	NET
Power supply	<b>Power</b>	12~28V
	<b>Power consumption</b>	$A_v \leq 10\text{W}$ , $\text{Max} \leq 20\text{W}$
Environmental conditions	<b>Operating temperature</b>	-20°C ~+50°C
	<b>Storage temperature</b>	-40°C ~+60°C