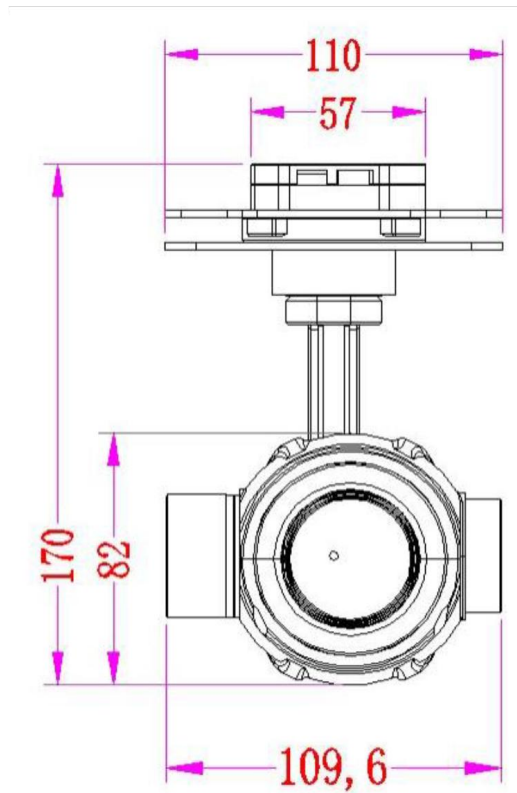


Function Future

- 140x Hybrid zoom
- 4K,1080p video output
- HD night vision function
- TF card storage
- AI Target Detection and Tracking
- Ethernet output

Device Structure



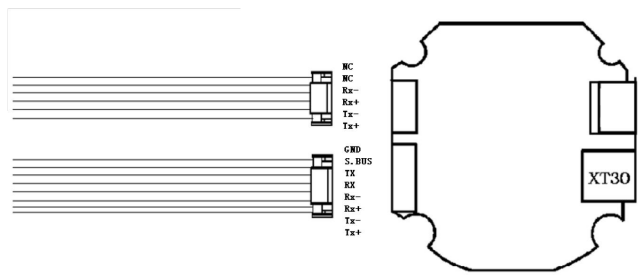


Voltage		DC12V-26.2V
Power		6.72W
Technical Parameters	Roll Angle	-45°~ +45°
	Pitch Angle	-30°~ +120°
	Yaw Angle	-280°~ +280°
	Jitter Angle	±0.02°
	Horizontal Jitter Angle	±0.03°
	One-Click Restore	One-click restore to the initial position
	Adjustable Gimbal Speed	Use low speed control at big zoom status for high precision display. Use fast speed control at small zoom status
Visible Light Camera	SENSOR	1/1.8 Inch 8 mega Pixels STARVIS2, low-noise CMOS SENSOR
	Zoom	20x HD optical zoom lens, f=6.7±5%~125±5%mm
	Focus	Focus in real time, less than 1 secs
	Video Output	Ethernet (RTSP) output, Local TF card 4K,1080p recording
	Field of Vision(FOV)	D : WIDE 66.6±5% TELE 4.0±5% H : WIDE 59.6±5% TELE 3.5±5% V : WIDE 35.7±5% TELE 2.0±5%
	Video mode	4K 30fps/1080P 30fps
Target recognition and tracking	Min tracking target size	16×16 pixels
	Max tracking target size	256×256 pixels
	Target Memory Time	2 seconds
	Tracking speed	50 Pixel/Frame max
	Simultaneous detection qty	100 targets max
	Recognized categories	Human and Vehicle
	Min detection target size	32×32 pixels
Control mode		IP, SBUS or Uart command control, App/Software
Gimbal Size		110mm×157mm×170mm
Working Condition		-10℃ to +55℃ / 20% to 80% RH
Storage Environment		-20℃ to +60℃ / 20% to 95% RH
Weight		670±10g

Storage Environment	-20°C to +60°C / 20% to 95% RH
Weight	670±10g

Connection application diagram

Electrical interface



No	Part	Interface Type	Define	Function
1	6PIN	signal	Backup	
2		signal	Backup	
3		signal	Rx-	IP NET
4		signal	Rx+	IP NET
5		signal	Tx-	IP NET
6		signal	Tx+	IP NET

No	Part	Interface Type	Define	Function
1	8PIN	Power interface	GND	GND
2		signal	SBUS	SBUS Input
3		signal	TXD3	UART sending
4		signal	RXD3	UART receiving
5		signal	Rx-	IP NET
6		signal	Rx+	IP NET
7		signal	Tx-	IP NET
8		signal	Tx+	IP NET

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