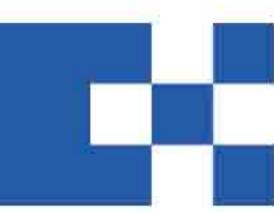


Dual FOV Thermal Camera





◆ SHR-TIR30/90R&SHR-TIR37/148R&SHR-TIR75/300R

- Features

- Uncooled microbolometer infrared focal plane arrays
- ◆17µm pixel, image quality fine, observe small target more clearly, further detection distance
- High sensitivity, NETD can reach 50mk and frame at 25Hz, good fog penetrate
- ◆Dual FOV lens, can expand the search scope, and also identify distant goals, do not lose the target, switch quickly
- ◆Advanced image noise reduction process, DDE(digital image details enhancement) function, outputting hot white/ hot black/ pseudo color image
- Low power consumption, quick start, stable performance
- Standard RS485 interface control, analog video signal output
- Simple operation, easy to use and maintain
- Precision cast aluminium alloy housing, seal waterproof, nitrogen inside, anti-harsh environment, super long work life

- Effect demo





Technical data

Model		SHR-TIR30/90R		SHR-TIR37/148R		SHR-TIR75/300R	
Monitoring Distance	Object	Human (1.8m × 0.5m)	Vehicle (2.3m×2.3m)	Human (1.8m × 0.5m)	Vehicle (2.3m×2.3m)	Human (1.8m × 0.5m)	Vehicle (2.3m×2.3m)
	Detection	840/2520m	2400/7200m	1040/4140m	2960/11840m	2100/8400m	6000/24000m
	Recognition	210/630m	600/1800m	260/1040m	740/2960m	520/2100m	1500/6000m
	Identification	100/310m	300/900m	130/520m	370/1480m	260/1050m	750/3000m
Detector	Туре	Uncooled microbolometer FPA					
	Resolution	384 × 288, pixel 17μm					
	Spectrum	8~14μm					
	NETD	≤50mK					
	Frame	25Hz					
	FFC	Auto/ manual/ background correction					
	lmage process	DDE/pseudo color					
	Video output	PAL/NTSC					
Lens	Focal length	30/90mm, di	ual FOV lens	37/148mm, c	dual FOV lens	75/300mm, c	lual FOV lens
	FOV	12.4° × 9.3°	/4.2° × 3.1°	10.1° × 7.6°	/2.5° × 1.9°	5.0° × 3.7°	~1.2° × 0.9°
	Fvalue	F1.0		F1.1/F1.2		F1.0/F1.2	
	Lens control	E-zoom/focus					
Interface	Power	DC12V					
	Others	RS485, BNC video output					
indicators	Operation temperature	–25°C~ +55°C(−40°C~ +55°C customized)					
	Storage temperature	−40°C~ +65°C					
	Protection grade	IP66					
	Vibration	10~ 55Hz, 0.75mm					
	Anti-impact	150m/s², 11ms					
	Salt-fog proof	PH 6.5~7.2, continuously spraying 48 hours, surface with no change					
Power	Whole power	DC12V(Equip with AC220V/DC12V power adapter)					
	Power consumption	≤8W					
Physical features	Weight	€2	2kg	€4	4kg	≤1	0kg
	Size	216mm x 106	3mm x 109mm	142mm x 142	2mm x 257mm	405mm x 245	mm x 258mm
	Installation method	Outdoor base install					