

FS-UR195 Long Range Thermal Camera



Main Features

1. Adopt the fourth generation of uncooled focal plane infrared detector, NETD at 50mk, easy to find objects.
2. First develop continuous zooming infrared lens: 36~180mm continuous optical zooming, 5X zoom.
3. Special compensation circuits: No need of TEC, low power consumption
4. DDE technology: easy to find hidden objects.

5. Special Image processing technology: flat image with no noise, 10 pseudo color and 2 formats: hot black/hot white;
6. Start quickly: 2s driving time
7. Power Supply: AC220V/AC24V/DC12V (optional)
8. High aluminum alloy shell: with nitrogen inside; can work under harsh environment.

Technical Indicators

Monitoring distance	Object	People(1.8m×0.5m)	Vehicle(2.3m×2.3m)
	Detect	4420m	11980m
	Recognize	1080m	2970m
	Identification	540m	1440m
Detector	Detector type	Uncooled FPA detector(vox)	
	Resolution	324×256, pixel 25μm	
	Spectrum	8~14μm	
	NETD	≤50mK	
	Frame	25Hz	
	FFC	Auto/Manual/scene	
	Image process	DDE, pseudo color	
	Video output	PAL	
Thermal lens	Focal length	36~180mm, 5x optical zoom	
	FOV	2.5°×2.0°~12.7°×10.2°	
	F	1.0 ~ 1.2	
	Lens control	E zoom/focus(auto focus is optional)	
Pan-tilt	Rotating angle	Pan:0°~ 360°continuous; Tilt:+30°~ -45°	
	Rotating speed	Pan:0.1°~9°/S; Tilt:0.1~4°/S	

	Presets	255
	Agreement	Pelco-D, Pelco-P Optional
	Baud rate	2400/4800/9600/19200 bps Optional
	Interface	RS485
	Power supply	AC24V±10%, 50Hz
	Power consumption	≤30W
	Working temperature	-25℃~+55℃
	Storage temperature	-40℃~+65℃
	Load capacity	20kg
	Weight	10Kg
	Size	265mm×180mm×315mm(L×W×H)
Interface	Power supply interface	DC12V
	Other interface	RS485, BNC video output
Environmental indicators	Working temperature	-25℃~+55℃(-40℃~+55℃ customized)
	Storage temperature	-40℃~+65℃
	International protection	IP66
	Anti-vibration	GB/T 4857.10-2005
	Anti-impact	GB/T 15412-94 Free drop test method
	Anti-thunder	2000V
Power	Power supply	DC12V(equip AC220V/DC12V power adapter)
	Power consumption	≤8W
Physical features	Weight	≤7Kg
	Size	440mm×213mm×217mm(L×W×H, contain sunshield cover)

	Installation	Outdoor base installation
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