

## FS-UVR165-HD Dual Sensor Long Range Day & Night Thermal System

### Product Features

1. Adopting continuous zooming thermal imaging technology, imaging clearly, can search in large area and recognize objectives in long distance
2. Infrared detector with high temp sensitivity, with min temp resolution of 50mK
3. Day and night 2 megapixels low illuminance color camera, realizing day and night continuous monitoring
4. Optional auto focusing function, realizing multiple focusing mode and triggering mode
5. Optional thermal imaging camera presetting function, remembering FOV of each preset bit, enhancing working efficiency
6. 3D locating function, can realize frame selection magnifying function and clicking to center function, reducing operating difficulty, enhancing device usability
7. Professionally designed shell, artistic, light, firm, anti-high temp, anti-corrosion, water proof, anti-acid rain



### Specification

Distance	HD camera	1100m		
	Thermal camera	object	human (1.8m×0.5m)	Vehicle (2.3m×2.3m)
		Detection	3700m	10000m
		Recognition	900m	2470m
	Identification	450m	1200m	
Detector	Detector type	uncooled microbolometer focal plane array (VOx)		
	Effective pixels	324×256		
	Spectral range	8~14μm		
	NETD	≤50mK@F1.0,300K		
	Frame rate	25Hz		
	Image process	DDE, pseudo color		



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HD Camera	Sensor type	1/2.8" Progressive Scan CMOS
	Total pixels	2.1MP
	Lens focal length	f=4.5~135mm,30X optical zoom
	Camera control	Auto gain control, auto white balance, auto backlight compensation, day and night mode switch(auto/manual)
	Coding format	H.264
	Video resolution	1920x1080
	Video frame rate	1~30f/s
	Image adjustment	brightness, contrast ratio, saturation
Thermal lens	Focal length	30~150mm, 5X optical zoom
	FOV	3.1°x2.4°~15.2°x12.2°
	F value	F1.0~F1.2
	Lens control	e-zoom, e-focus (auto focus optional)
Pan-tilt	Carrying capacity	22kg(top load)
	Angle	Horizontal 360°continuous rotation, tilt -45°~+45°
	speed	Horizontal 0°-9°/s, tilt 0.1°-4°/s
	Preset	255
	Cruise	8 paths,10 presets each path
	Anti-lightning	2000V
Interface	Power supply	AC24V
	Network interface	1x10Base-T/100Base-TX,RJ45
	Other	RS485, BNC video output
Environment indicators	operation temp	-25°C~+55°C
	Storage temp	-40°C~+65°C
	Protection grade	IP66
Power supply	power supply	24VAC±10%, equipped 220VAC~24VAC/5A water proof power supply
	power consumption	≤60W
Physical features	weight	21kg
	Installation method	Outdoor base mounting

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