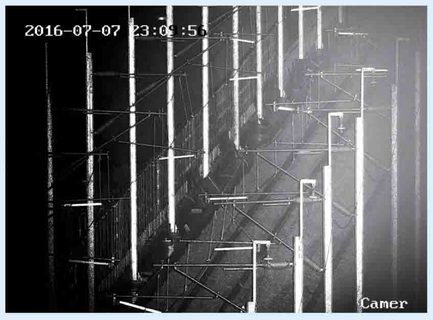
Long Range Three Sensor System

◆ SHR-WHLV3020ATIR185R

Features

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

Effect demo



Technical data

Model				
		SHR-WHLV3020ATIR185R		
Monitor distance	Visible light	Night vision	3000m	
		Day vision	6500m	
	Thermal Camera	object	human（1.8m×0.5m）	vehicle（2.3mx2.3m）
		Detection	5040m	14400m
		Recognition	1260m	3600m
		Identification	630m	1800m
Thermal lens	Focal length	36～180mm		
	FOV	2.1° ×1.6° ～10.4° ×7.8°		
	F value	F1.0～F1.2		
Thermal detector	Detector type	uncooled microbolometer focal plane array		
	Resolution	384×288,17μm		
	Spectral range	8～14μm		
	NETD	≤50mK@F1.0,300K		
	Image processing	DDE, pseudo color		
HD day camera lens	Focal lens	12.5～750mm		
	FOV	0.6° ～35°		
	Double lens	supporting（optional）		
	Fog penetration	supporting（optional）		
HD Camera	Sensor type	1/1.8” Progressive Scan CMOS		
	Code	H.265/H.264/MJPEG		
	Video resolution	1080P,CIF,supporting three stream		
	Video frame rate	1～25f/s（50Hz）,1～30f/s（60Hz）		
Laser Illuminator	Illuminating lens	60×zooming laser telephoto lens		
	Power	15W		
	Wave length	810nm		
	Light homogenization	MCIC technology		
Pan-tilt	Load capacity	50kg(top load)		
	Angle	Pan 360° continuous rotation,Tilt: -45° ～+45°		
	speed	Pan 0.01° ～12° /s,Tilt 0.01° ～8° /s		
	Preset	255		
	Cruising	2 paths,64 presets each path		
	Anti-lightning	2000V		
Interface	Power supply	DC30V		
	Network interface	1×10Base-T/100Base-TX,RJ45		
Environment indicators	Working temp	-25℃～+55℃		
	Storage temp	-40℃～+65℃		
	Ingress protection	IP66		
Power supply	Power supply	Wide range input AC90~305V to output DC30V power adapter		
	Power consumption	≤180W		