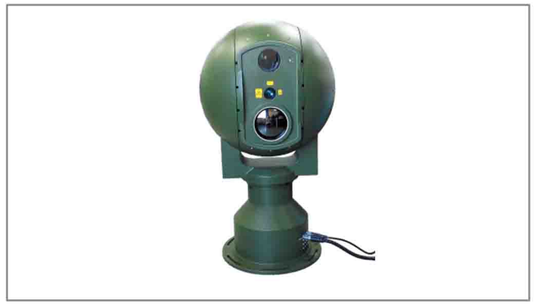
Photoelectric Pod

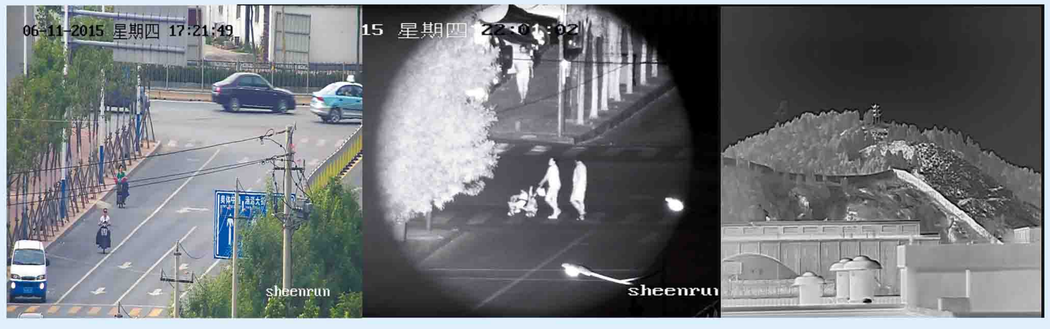


◆ SHR-PT550WHLV1520TIR155R&SHR-PT550WHLV2020TIR185R

Features

◆Adopting thermal imaging technology, imaging clearly, can search in large area and recognize objectives in long distance
◆Day and night 2 megapixels low illuminance color camera, realizing day and night continuous monitoring
◆Synchronous zooming laser illuminating system, long illuminating distance, large illuminating range, realizing monitoring in 0Lux complete black
◆MCIC multi-tube core fusion mixed mode light homogenization technology, no speckle and dark ring, high edge definition
◆Multi-position intelligent recognition auto focus technology, can adapt to a variety of scene changes, achieve fast focus
◆The front-end device control software can realize online upgrade function through the network, which is convenient for post-maintenance maintenance
◆After the device is powered on again, it can return to the zero position set by the user or the position when the power is off, support remote restart function
◆Universal variable speed pan/tilt, realizes all-round no blind angle monitoring, achieve high precision positioning
◆Professionally designed shell, artistic, light, firm, anti-high temp, anti-corrosion, water proof, anti-acid rain

Effect demo



Technical data

Model		SHR-PT500WHLV1520TIR155R		SHR-PT550WHLV2020TIR185R	
Monitoring distance	HD camera	Day: 3000m, Night: 1500m		Day: 5000m, Night: 2000m	
	Thermal camera	Human (1.8m × 0.5m)	Vehicle (2.3m × 2.3m)	Human (1.8m × 0.5m)	Vehicle (2.3m × 2.3m)
		4200m	12000m	5040m	14400m
		1050m	3000m	1260m	3600m
		520m	1500m	630m	1800m
Thermal detector	Detector	Uncooled microbolometer focal plane array(Vox)			
	Pixel	384 × 288			
	Spectral range	8~14μm			
	NETD	≤50mK@F1.0,300K			
	Image process	DDE, pseudo color, auto/manual/background correction			
Thermal lens	Focal length	30~150mm, 5× optical zoom		36~180mm, 5× optical zoom	
	FOV	2.9° ×2.2° ~14.6° ×11.0°		2.5° ×1.8° /12.2° ×9.1°	
	F value	F1.0~ F1.2			
	Lens control	E-zoom, e-focus, auto focus			
HD Camera	Sensor type	1/1.8″Progressive Scan CMOS			
	Coding format	H.265/H.264/MJPEG			
	Video resolution	1080P,CIF, supporting three stream			
	Video bit rate	32Kbps~ 16Mbps			
	Video frame rate	1~ 25F/S (50Hz), 1~ 30F/S (60Hz)			
HD lens	Focal length	15.6~500mm		12.5~750mm	
	FOV	0.9° ~ 27.5°		0.6° ~ 35°	
	Other	Defog, Auto focus Support for optional			
Laser lens	Focal	60× zoom laser telephoto lens			
	Coating	Multi-layer near-infrared antireflection coating			
	Preset	Precision potentiometer voltage feedback			
	Zoom	3CAM transmission, high coaxiality; transmission, high coaxiality			
Laser illuminator	Power	10W		15W	
	Wavelength	810nm			
	Lighting angle	0.5° ~ 30 continuous change; laser switch: auto/manual			
	Even light	MCIC			
	Sealing	Sealing: Sealing with Nitrogen; Heat dissipation: Array air-cooled conduction heat dissipation			
Pan-tilt	Angle	Pan: 0° ~ 360° ; Tilt: -45° ~ +45°			
	Speed	Pan: 0.01° ~ 45° /s; Tilt: 0.01° ~ 30° /s			
	Preset	255, support lens zoom and focus presets			
	Preset accuracy	±0.1° (±0.05° optional)			
	Auto cruise	2 paths, 64 presets each path			
	Auto scan	1 path			
	Structure	Integrated three-window design, super-strength precision cast aluminumalloy, built-in temperature regulation, support for heating, heat dissipation, dehumidification and defrosting, etc.			
Interface	Power supply	DC30V			
	Network interface	1x10Base-T/100Base-TX,RJ45			
Environment indicators	Temperature	Operation -25℃~ +55℃ (-40℃~ +65℃ optional), Storage -40℃~ +65℃			
	Protection grade	IP66			
Power supply	Power	Wide range power input AC90~305V to output DC30V waterproof power adapter			
	Consumption	≤250W			