

DINI TRADING COMPANY

SHR-VIR20RT Non-contact infrared rapid human temperature screening system



(picture for reference only)

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I Product Overview






Sheenrun SHR-VIR20RT non-contact infrared human body temperature rapid screening system adopts a high-sensitivity uncooled infrared thermal imaging camera to image the human body and the surrounding environment, and senses infrared radiation radiated by personnel inside the monitoring area. The system is non-contact, with fast temperature measurement speed, high temperature accuracy, and automatic over-temperature alignment. It widely used in densely populated places such as airports, stations, squares, etc., and screen people temperature quickly and efficiently. Features are as follows:

- Establish a virtual personnel channel to automatically screen people with fever;
- Three-level alarm settings, accurate alarm for healthy people, re-examination people and fever people
- External black body, system measurement accuracy $\leq \pm 0.3$ °C;
- Thermal imaging, intelligent matching of visible light, synchronous alarm, and more intuitive, efficient and accurate troubleshooting;
- Multi-target accurate identification and tracking technology to reduce missed detection rate



II Specification

	Mode	SHR-VIR20RT
Infrared Thermal camera	Detector type	Uncooled FPA detector
	Resolution	384×288
	Focal length	7mm/10mm/15mm/19mm optional
	Pixel	17μm
	Spectral range	8~14μm
	Temperature measurement accuracy	≤±0.3°
	NETD	≤50mk @25°C
	Measurement range	20°C~50°C
	Temperature correction	Automatic correction via black body
	Alarm	Alarm temperature threshold setting is supported, and automatic overtemperature alarm is supported
Visible light camera	Resolution	1920×1080
Interface	Network	1×RJ45
	Power supply	DC12V, equipped with power adaptor
Environment Data	Working temperature	0°C~+30°C
	Storage temperature	-20°C~+60°C
	Protection grade	IP65
Power supply	Whole machine power supply	DC12V, AC220V~DC12V Power adaptor
	Whole machine consumption	≤15W
Physical Feature	Camera weight	≤1.5kg
	Black body weight	≤2kg
	Installation	Tripod mounting

non-contact infrared human body temperature rapid screening system		
Appearance	Product Name	Qty
	camera	1
	temperature blackbody	1
	correction blackbody	1
	computer	1
	software	1