

# On-line IR Fever Sensing System CI-81-ZP



CI-81-ZP IR thermal camera is professional in taking thermal images even on the flowing crowds with high efficiency and distinguish those with elevated temperature, which indicated possible presence of the fatal virus, like H1N1 and

SARS. With a size similar to competition products, it integrates a wide assortment of features that deliver unprecedented efficiency, convenience and productivity. CI-81-ZP IR thermal camera is absolutely the ideal equipment in the airports, ports, and railway stations, and it is the first guard to protect your health and wealth.

## Applications

Control and decrease the spreading of disease with precursor of fever, like H1N1, SARS, ideal for massive temperature control in public assembly area, such as airports, ports, schools, railway stations and etc.

## Features & Benefits

- Real-time high-frequency data capture transmission and storage
- Precise single & multiple hot spots tracing and alarm
- Razor-sharp visual and thermal imaging
- Block-free communication with database and network commanding station
- Intelligent object differentiation avoiding false alarm and interference

Professional but easy-to-use software enabling maintenance free



<b>DETECTOR</b>	
Detector type	Microbolometer UFPA 384×288 pixels, 25μ
Spectral range	8~14μm
Thermal Sensitivity	≤0.08° C@30° C
Response Time	7ms
Bad Pixels	<1%
Temperature Range	0° C--5° C
Frame Frequency	50Hz/60Hz
FOV	13.7°×10.3°
Focusing Range	50cm- ∞
Non-uniformity Calibration	Auto/Manual
Video Output	PAL/NTSC
<b>INTERFACE</b>	
Remote Control	RS 485
Operating Temperature	-25° C to +60° C
Storage Temperature	-20° C to +60° C
<b>POWER SYSTEM</b>	
Power Supply	110/220V AC adapter
Power Requirements	16V
<b>PHYSICAL CHARACTERISTICS</b>	
Camera Dimensions	430mm×240mm×40mm
Weight	2kg(excluding PC)