



## ITM – S230 – [www.itmsystems.com](http://www.itmsystems.com)

### Background

For best night vision solution in video surveillance the thermal cameras are the ideal to give you the best view especially for long distance up to 900 metres.



## Technical Specification

Items		S230-18	S230-37
Detector characteristics	Detector type	Un-cooled FPA micro-bolometer	
	Array size/format	384x288 or 640 x 480	
Image characteristics	Field of view/min focus distance	30.5°x22.9°	14.8°x11.1°
	Spatial resolution(IFOV)	1.38mrad	0.67mrad
	Thermal sensitivity	≤0.08°C@30°C	
	Frame frequency	50/60Hz	
	Focus	Manual	
	Zoom	2x	
	Spectral range	8-14µm	
Image display	Display	800x600 HD OLED monocular screen	

## SECURITY AGAINST EBOLA



	Image polarity	White/Black hot
Image storage	Storage card	2G Micro SD card
	Storage mode	Manual
	File format	JPEG/MPEG4
Thermal image operation	Power key	On/Off switch
	Brightness key	5 optional cycle levels
	Zero key	Manual calibration
	Functional key	Short press for E-zoom, long press for polarity shift
	Storage/Record key	Capture/record
Power source	Battery type	Li-Ion, rechargeable
	Battery operating time	3 hours continuous operation
	Battery charging mode	Special designed, random charge
	Power saving	10-15V DC
	External power	<3.5W
Environment	Operating temperature	-20°C +50°C
	Storage temperature	-45°C- +70°C
	Humidity	≤90% non-condensing
	Encapsulation	IP67
	Drop test	1.8M, IEC68-2-32
	Shock-resistant	25G, IEC68-2-29
	Anti-vibrated	2G, IEC68-2-6
Physical characteristics	Weight	<900g
	Dimension	139x64x172mm
Interface	Power interface	Yes
	Video output	Yes
	USB	Image, measurement data transfer
	Price	Start at \$4 999