



Тепловизор - монокуляр T100-40

Items	Technical specification	
Thermal characteristic	Detector	Uncooled amorphous silicon FPA
	Array format/Pixel pitch	384x288/25um
	Sensitivity	≤60mk@ 300K,50HZ
	Frame rate	50Hz
	Spectral range	8~14um
	Lens	40mm F#=0.8
	FOV	13.7°(H) x 10.3°(V)
	Spatial Resolution	0.63mrad
	Focus	Manual focus
Image processing	Nonuniformity calibration	No shutting technology
	Instantaneous boot	<3s
	Noise reduction	Digital filter
	Zoom	x2,x4
	Image definition	768X576(CCIR)
	Image frame rate	50Hz(PAL)
	Polarity	White hot /Black hot
	Image output	OLED 800x600 resolution
	OLED display adjustment	Brightness/Contrast adjust
OLED eyepiece	Dust proof	
Image/video storage	SD Card	4G
	Image format	JPEG
	Video format	AVI
Power	Working voltage range	DC: +2.6V~+5.5V
	Battery	3 AA betteries
	Power consumption	<2.2W
	Continuous working time	>4 hours
	Working time with continuous recording	>2 hours
	Over voltage protection	Yes
	Reserve voltage protection	Yes
Interface	Power port	Yes
	USB port	Yes
	Video output	Yes
	Serial port	RS232
Environmental parameter	Working temperature range	-20°C~60°C (Typical) ;
	Storage temperature range	-40°C~70°C
	Humidity	10%~95% Non-condensing
	Encapsulation	IP66
	Drop test	1 meter
Physical parameter	Weight	≤0.75kg No betteries
	Dimension	216mmx73x52mm
Accessories	Cable	With USB, video connector and RS232 cable
	Batteries	3 AA batteries Ni-H chargeable with charger
	Bag (optional)	Carry bag

