

This uncooled thermal imaging module is based on Vox sensor and uses 384X288 25 um FPA uncooled detector. The module offers brilliant video quality output and will bring you great success in your system integration.

Type	MT20SV	
Detector	Detector type	Uncooled FPA (Vox)
	FPA format /Pixel pitch	384X288 25um
	NETD	≤10mk at f/1.0 300K
	Frame rate	50Hz
	Spectral range	8~14um
Image processing	calibration	With shutter
	Start-up time	<3s
	Image enhancement	DDE
	Image display resolution	768x576
	Image frame rate	50Hz (PAL)
	Lens	17mm,19mm,25mm,35mm,50mm
Controls	Polarity	Black hot/white hot
	Zoom	1x, 2x, 4x
	Brightness	Auto>manual
	Contrast	Auto+manua
	Image reversal	Horizontal/Vertical
	Crosshair	YES
Power	Operation Voltage range	DC: +2.5V~+15V
	Power consumption	<1.5W
	Reverse connect protection	YES
	Over/Under Voltage protection	YES
Environment	Operation tempreture range	Commercial :-20°C~+60°C
		Option:-40°C~+60°C
	Non-operation tempreture range	-45°C~+65°C
Physical Attributes	Humidity	5%~95% Non Condensing
	Weight	75g(without lens)
	PCB size	44.5X44.5X34mm
Interface	External Power supply	YES
	Digital Video output	LVDS
	Analog video output	YES
	Communication	RS-232/RS-485