

ThermalTronix

TT-1025EX-MIL

Technical Specifications



FEATURES

- Uncooled FPA micro-bolometer of military level.
- Penetrates the darkness, smoke, fog, anti-glare.
- Long detection distance, wide field of vision.
- IP67 protection.
- Panoramic focus, clear images.
- High-tech anti-shake technology, clearer for observation.

Intellisystem Technologies S.r.l.

Via Augusto Murri, 1 - 96100 Siracusa - Phone +39 (0)931-1756256 / +39 (0)2-87167549 - Mobile (+39) 335 1880035
em@il: info@intellisystem.it WEB: <http://www.intellisystem.it>

SPECIFICATIONS

Item		<i>ThermalTronix TT-1025EX-MIL</i>
Detector	Detector type	Uncooled FPA
	Array size/format	384×288
	Pixel size	25um
Image characteristics	Wave range	8-14um
	Focal length	19 mm
	FOV	24°×18 °
	NETD	≤100mK@30°C
	Focus	Fixed
	Frame rate	50Hz
	Special resolution	1.3mrad
Environment requirement	Imaging process	Auto shake proof process
	Work temperature	-20°C ~ +55°C
	Storage temperature	-40°C ~ +65°C
Physical characteristics	Encapsulation	IP67
	Weight	≤550g
Power supply	Dimension	115mm×64mm×64mm
	Power consumption	≤4W
Interface	External power	YES(DC12V)
	Video output	PAL
Detection distance—to people (1.8m)		>600m
Detection distance—to object (2.3m)		>800m
Recognition distance—to people (1.8m)		>200m
Recognition distance—to object (2.3m)		>400m