

Thermal Night Vision

Founded in 1982 with a history of consistent technology breakthroughs in infrared (IR) imaging and thermal measurement based hardware, systems and software application products; Thermoteknix has been driven by reliably taking care of our customers' most challenging needs. Thermoteknix has twice been recognized in the prestigious Queen's Awards - for Export Achievement (1998) and for Technological Innovation (2008).



Teknix House is Thermoteknix' Cambridge, UK headquarters where a highly skilled team of Engineering, R&D, Production, Sales, Marketing and Technical Support specialists are based. A dedicated network of Thermoteknix overseas offices and agents serves nearly every country in the world. Thermoteknix products all share a heritage of technical superiority, successful operation in harsh conditions and long term support from a company committed to customer satisfaction.



Thermal Night Vision



OEM Thermal Imaging Core Modules



Portable Night Vision Solutions



Clip On Thermal Imaging for Image Intensifiers

Thermal Night Vision

Thermoteknix Systems Ltd is a dynamic and innovative team capable of both off-the-shelf turnkey and customised night vision solutions. Over the years, many groundbreaking and now industry-standard technologies have been developed by Thermoteknix responding to the demanding challenges brought to us by our clients. Thermoteknix is one of the world's leading sources of thermal expertise and excellence and designs and manufactures all its products at its European Headquarters in Cambridge, England. Thermoteknix products are not subject to US ITAR regulations.



OEM Thermal Imaging Core Modules

MIRICLE is Thermoteknix' range of long-wave thermal imaging cores for a wide variety of applications and are available as 384x288 and 640x480 resolution modules with a number of pixel pitch and lens options. These award-winning cameras come as self-contained camera units or as OEM cores for integration into end-user products. The MIRICLE range includes ultra miniature, lightweight and ultra low power (MicroCAM™) modules as well as Thermoteknix' unique patented shutterless XTi Technology®. MIRICLE thermal imagers are employed in numerous well known and high end third party products including; UAVs, thermal weapon sights, man-portable and long-range fixed surveillance devices, unattended ground sensors, driver aids, enhanced vision systems for aircraft and many others throughout the world.



Portable Night Vision Solutions

TiCAM® 750 from Thermoteknix is the range of lightweight, Military Specification handheld devices for reconnaissance, border security, target acquisition, counter drug operations and general situational awareness in the field.

At the heart of TiCAM® 750 lies a Thermoteknix MicroCAM engine, the lowest power-consuming thermal imaging module in its class giving up to 8 hours field operation from 4 x AA batteries removing the need for cumbersome external batteries or battery packs. Optional features of TiCAM® 750 include GPS, Digital Magnetic Compass, laser target marker and video recording facility. TiCAM® 750 is the ideal high sensitivity thermal imaging partner for combat reconnaissance, police surveillance, border control and force protection. Medium and long range models are available.

Portable Night Vision Solutions

ClipIR - the Small Clip-On Thermal Imager fuses thermal imagery into existing Image Intensifier (I²) devices to enable them to see in total darkness. The ClipIR system simply clips onto image intensifier goggles/monoculars and is compatible with a wide range of standard night vision equipment including AN/PVS 14/15. ClipIR is lightweight, ultra-miniature, rugged, waterproof and functions for up to 4.5 hours in full ambient temperature extremes on a single internal AA battery, removing the need for external batteries. Operating at 50hz, the shutterless 384x288 resolution ClipIR features superior optical design for wide-matched I² field-of-view, giving optimum situational awareness, image-enhancement and simple operation.

