

Imagine the invisible

Security

Meerkat Fix

Powerful surveillance and monitoring camera in a fixed housing

How to protect your facilities with crisp and clear imaging even in complete darkness?



The Meerkat Fix is a lightweight, powerful surveillance and monitoring system with an uncooled LWIR thermal imager in an environmentally sealed enclosure. You can easily install this complete system with generic Ethernet connection in a local area network (LAN). Alternatively you can also use the Meerkat Fix in an analog security camera network over video.

The integrated thermal LWIR camera is specially designed for the demanding security market. The thermal image is crisp and clear, even under difficult weather conditions and in complete darkness without the use of additional illumination. With this system you will receive very high resolution images, more than any regular infrared security camera, which results in the earliest and most reliable detection of even the smallest temperature change and the smallest object.



Designed for use in



⌘ Traffic safety



⌘ Night vision



⌘ Border control



⌘ Fire fighting: LWIR vs. visual

Applications

- Night vision
- Surveillance
- Border control
- Traffic monitoring
- Perimeter protection
- Situational awareness

Benefits & Features

- Made in Europe
- H.264 video compression (optional)
- Wide choice of angle or narrow FOV lenses
- Rugged and lightweight with an easy to mount protective housing
- ONVIF for interoperability between network video products (optional)
- Excellent connectivity over PAL/NTSC video or Ethernet for digital LAN

Complete system with practical wall or ceiling mounting brackets

Wide choice of lenses

Several wide angle or narrow FOV lenses

High definition images

44% more pixels than systems based on the same detector technology

Excellent image quality

The Meerkat Fix features real-time image processing for best-in-class surveillance with advanced software:

- Xeneth Basic
- Xeneth SDK
- Xeneth Advanced (optional)

Fast connectivity

Whether you need to replace a daylight camera in an analog video surveillance network camera or integrate it in a LAN or WAN, the easy IP/Video setup switch makes the Meerkat Fix the right choice.



Specifications

IR Camera	MK-F-10-RA	MK-F-15-RA	MK-F-25-RA	MK-F-40-RA	MK-F-75-RA
Detector type	Uncooled microbolometer a-Si				
Resolution	384 x 288				
Pitch	25 µm				
Spectral range	8 to 14 µm				
Focal length (f/1)	10mm	15 mm	25 mm	40 mm	75 mm
Horizontal Field of View (HFOV)	51°	36°	22°	14°	7.3°
Thermal sensitivity	80 mK				
Image frequency	50 Hz Ethernet				
Focus	Fixed				
Electronic zoom	2x over Ethernet				
Automatic Gain Control (AGC)	Yes				
Image Presentation					
Video output	NTSC / PAL				
Digital Control	Ethernet (TCP-IP)				
Digital Output	Ethernet (TCP-IP)				
Environmental Specifications					
Operating temperature range	-20°C to +50°C				
Storage temperature range	-50°C to +85°C				
Environmental	IP66 (EN 60529)				
Physical Characteristics					
System weight	<4 Kg				
External dimensions	86 x 130 x 300 mm				