Security
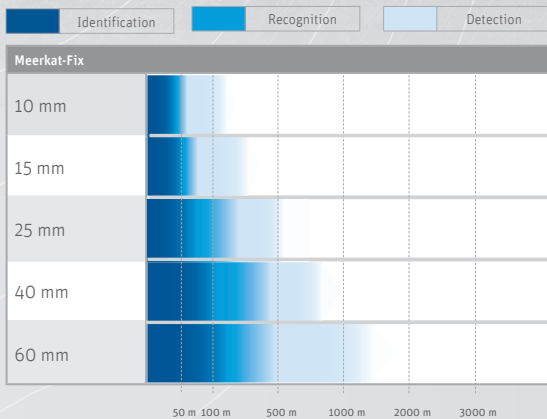
Meerkat-Fix-384-Analog
Meerkat-Fix-640-Analog

Powerful surveillance and
monitoring camera in a fixed housing

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

	Identification		Recognition		Detection

Meerkat-Fix

10 mm	
15 mm	
25 mm	
40 mm	
60 mm	

50 m 100 m   500 m   1000 m   2000 m   3000 m

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

- Easy to connect
- Made in Europe
- Broad choice of wide or narrow angle FOV lenses
- Rugged and lightweight with an easy to mount protective housing
- Excellent connectivity over PAL/NTSC video

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

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 Video setup switch makes the Meerkat-Fix the right choice.

Excellent image quality
The Meerkat-Fix features real-time image processing for best-in-class surveillance with advanced software:
• Xeneth Basic
• Xeneth SDK

Specifications

IR Camera	Meerkat-Fix-640-Analog
Detector type	Uncooled microbolometer a-Si
Resolution	640 x 480
Pitch	25 μm
Spectral range	8 to 14 μm
Thermal sensitivity	50 mK
Image frequency	NTSC/PAL
Focus	Fixed
Automatic Gain Control (AGC)	Yes
Image Presentation	
Video output	NTSC / PAL
Digital Control	RS232
Environmental Specifications	
Operating temperature range	0°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

Product selector guide

Part number	Output	Control	Lens	HFOV	Window
XEN-000077	PAL	RS232	10 mm	77.3	Yes
XEN-000273	NTSC	RS232	10 mm	77.3	Yes
XEN-000078	PAL	RS232	15 mm	56.1	Yes
XEN-000274	NTSC	RS232	15 mm	56.1	Yes
XEN-000079	PAL	RS232	25 mm	35.5	Yes
XEN-000275	NTSC	RS232	25 mm	35.5	Yes
XEN-000080	PAL	RS232	40 mm	22.6	Yes
XEN-000276	NTSC	RS232	40 mm	22.6	Yes
XEN-000081	PAL	RS232	60 mm	15.2	Yes
XEN-000277	NTSC	RS232	60 mm	15.2	Yes

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