

Macro Lens 18 micron – *Instructions for use*

Description of package

The *Macro Lens 18 micron* package (P/N 1 700 517) consists of the following items:

- One IR lens
- Two lens caps
- One PC-Card™ with necessary files to use the IR lens (ThermaCAM™ PM6XX cameras only)
- One case for the lens

NOTE: If any item is missing, or has been damaged during transit, please contact your local sales office.



Figure 1 Macro lens 18 micron, front side.



Figure 2 Macro lens 18 micron, rear side.

Mounting recommendations

Step	Action
1	Insert the PC-Card™ into the camera's PC-Card™ reader (ThermaCAM™ PM6XX cameras only)
2	Remove the rear lens cap from the lens. NOTE: Do not touch the lens surface!
3	Align the index mark on the lens to the index mark on the lens bayonet of the camera.
4	Carefully push the lens into the lens bayonet. NOTE: Do not use excessive force!
5	Rotate the lens clock-wise to lock the lens.
6	Remove the front lens cap. The camera is now ready to use. NOTE: Do not touch the lens surface!

Technical specifications

Weight:	402 g / 0.89 lb
Diameter:	97 mm / 3.82"
Height:	63 mm / 2.48"
NETD @ +30 °C (+86 °F)	1.05
Working distance:	50 mm / 1.97"
Resolution (IFOV):	18 micron
f- number	3.0
Ranges:	+30—+400 °C (+86—+752 °F) +100—+1000 °C (+212—+1832 °F), optional
Accuracy:	2 % or 2 °C (3.6 °F) for T Amb = +25 °C ± 10 °C (+77 °F ± 18 °F) 4 % or 4 °C (7.2 °F) for T Amb = +25 °C ± 20 °C (+77 °F ± 36 °F)