



# More Precision

thermo**IMAGER** TIM // Compact thermal imaging cameras



### Cooling Jacket and Cooling Jacket Advanced Universal cooling housing for infrared cameras up to 315 °C

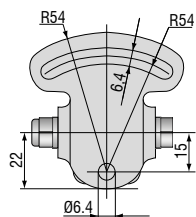
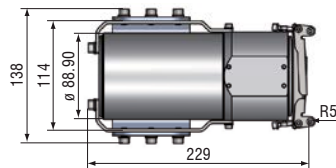
- Ambient operating temperatures up to 315 °C
- Also available with protection housing and cooling function up to 180 °C
- Air/Water cooling with integrated air purging and optional protective windows
- Modular design for easy fitting of different devices and lenses
- Easy sensor removal on site due to quick-release chassis
- Integration of additional components like TIM NetBox, USB Server Gigabit and Industrial Process Interface (PIF) in the extended version



Model	Cooling Jacket	Cooling Jacket Advanced Standard	Cooling Jacket Advanced Extended
Protection class	IP65	IP65	IP65
Ambient temperature range	up to 180 °C	up to 315 °C <sup>1)</sup>	up to 315 °C <sup>1)</sup>
Relative humidity	10 to 95 %, non-condensing	10 to 95 %, non-condensing	10 to 95 %, non-condensing
Material (housing)	V2A	V2A	V2A
Dimensions	237 mm x 117 mm x 138 mm	271 mm x 166 mm x 182 mm	426 mm x 166 mm x 182 mm
Weight	4.5 kg	5.7 kg	7.8 kg
Air purge collar	G1/4" internal thread G3/8" external thread	G1/4" internal thread G3/8" external thread	G1/4" internal thread G3/8" external thread
Cooling water fittings	G1/4" internal thread G3/8" external thread	G1/4" internal thread G3/8" external thread	G1/4" internal thread G3/8" external thread
Cooling water pressure	max. 15 bar (217 psi)	max. 15 bar (217 psi)	max. 15 bar (217 psi)
Scope of supply	<ul style="list-style-type: none"> <li>▪ Cooling Jacket, consisting of housing and chassis</li> </ul>	<ul style="list-style-type: none"> <li>▪ Cooling Jacket Advanced, consisting of housing with mounting angle, chassis</li> <li>▪ Assembly instructions</li> </ul>	<ul style="list-style-type: none"> <li>▪ Cooling Jacket Advanced, consisting of housing with mounting angle, chassis</li> <li>▪ Mounting accessories for TIM NetBox or USB Server Gigabit and Industry PIF</li> <li>▪ Assembly instructions</li> </ul>
		<ul style="list-style-type: none"> <li>▪ Focusing unit or front attachment <sup>2)</sup></li> </ul>	<ul style="list-style-type: none"> <li>▪ Focusing unit or front attachment <sup>2)</sup></li> </ul>

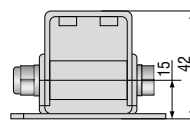
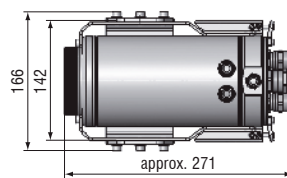
<sup>1)</sup> Cable for up to 250 °C ambient temperature as well as cable cooling for up to 315 °C available.  
<sup>2)</sup> Must be ordered separately.

#### Cooling Jacket



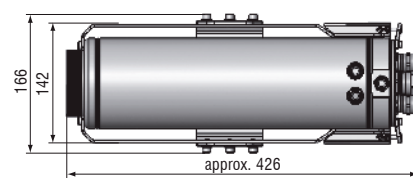
TM-MB-TIM adjustable mounting foot

#### Cooling Jacket Advanced – Standard version



TM-PH-TIM protection housing incl. mounting foot

#### Cooling Jacket Advanced – Extended version



## High performance sensors made by Micro-Epsilon



Sensors and systems for displacement and position



Sensors and measurement devices for non-contact temperature measurement



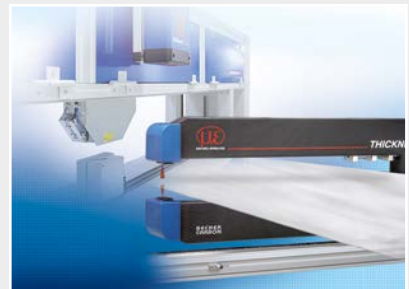
2D/3D profile sensors (laser scanner)



Optical micrometers, fiber optic sensors and fiber optics



Color recognition sensors, LED analyzers and color online spectrometer



Measurement and inspection systems