



STABILIZED PANORAMIC COMMANDER SIGHT

## PERI R17 A3

Optimized on-the-move observation and target detection during day and night

The **PERI R17 A3** has been designed for optimized on-the-move long range observation and target detection, thus to provide an enhanced situational awareness during night and day for the MBT Leopard 2.

With more than 4.000 commander periscopes delivered, Hensoldt Optronics has made a decisive contribution for the MBT Leopard 2 to become one of the most effective battle tanks in the world.

The PERI R17 A3 is a stabilized panoramic commander sight, tailored and dedicated to the operational needs of the MBT Leopard 2 versions. It combines field-tested and combat proven day observation and advanced night vision technology – with long range capabilities.

By this the PERI R17 A3 features an improved observation and target detection, a 24/7 situational awareness and a second to none weapon engagement capability.

The stabilized and independent PERI R17 A3 guarantees a superior Hunter-Killer capability under harsh battle field conditions and in complete darkness.

The PERI R17 A3 is qualified by German Armed Forces and in service by LEOBEN users.

# PERI R17 A3

Applications		Key Features	
<ul style="list-style-type: none"> <li>• Long range observation</li> <li>• Fast and accurate target detection</li> <li>• 24/7 on-the-move situational awareness</li> <li>• Hunter-Killer capability</li> </ul>		<ul style="list-style-type: none"> <li>• Stabilized and independent</li> <li>• Combat proven day and night vision technology</li> <li>• Edge enhancement</li> <li>• Dynamic compression</li> <li>• Homogenization</li> <li>• Life image indicator</li> <li>• Autofocus</li> <li>• Digital zoom</li> </ul>	
Thermal Camera			
Wavelength (µm)	Long Wave Infra-Red (LWIR) 7.6 - 9.4		
Resolution (pixel)	768 x 576		
Field of view (horizontal)	22.2°	7.1°	2.8°
Daylight – Glass Optical Channel (monocular)			
Magnification	2x	8X	
Field of view (horizontal)	27°	7°	
Electrical Data		Environmental Conditions	
Power Supply	28V DC nominal (18 - 32V DC acc. MIL-STD 1275)	Operating temperature	-32°C to +63°C
Power Consumption	200W typical	Environmental tests	MIL-STD 810F MIL-STD 461 STANAG 2895
Mechanical Data		Range Performance (Thermal Imager)	
Weight	Peri Electronic Unit Ocular		
Azimuth range		approx. 95 kg approx. 15 kg approx. 15 kg	
Elevation range		n x 360°	
Stabilization quality (APG test course acc. VG95142)		-13° to 20°	
Positioning	max. min.	≤ 0.5 mrad	
		≥ 0.7 rad/s ≥ 0.3 mrad/s	

