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A joint product of Krauss-Maffei Wegmann and Airbus DS Optronics

SPECTUS II

Driver's sight systems

- Unlimited sight at any time, based on dual-band low light level and thermal imaging camera system
- Color-coded dynamic guidelines support maneuvering in complex terrain with perfect accuracy
- Clear vision with low light level camera in extreme conditions due to optional, switchable IR headlights



The **new** Sensor House

HENSOLDT
Detect and Protect.

SPECTUS II

Technical Data	
System performance	
Sensor fusion of IR/low light level camera	Infinite from 0% / 100% to 100% / 0%
Optics protection	Motorised protection cover
Infrared camera	
Detector type	a-Si bolometer 640 x 480
Wavelength	8 - 14 μ m
Field of view	55° x 41°
Day vision camera	
Photo cathode type	LLL - TV sCMOS
Wavelength	400 - 1000 nm
Fields of view	55° x 41°
Electrical Data	
Power supply	16 - 32 VDC (VG 96916 Standard); 0,35 A; max. 2,2 A while shutter is activated
Interface	CAN-Bus; Y/C according to PAL (ITU-R BT470-6 B/G)
Mechanical Data	
Dimensions (WxHxL)	155 x 87 x 385 mm
Weight	7 kg
Ambient conditions	
Temperature	-33°C to +63°C
Environmental test	MIL-STD-810 ; MIL-STD-461