



KLP TW

Small gun mount periscopes

Gun-mounts and small weapon turrets don't leave much room for telescopes, sensors and the like. However, light vehicles especially have a need for better targeting capabilities. To satisfy this demand, Airbus DS Optronics has developed the small gun-mount periscope KLP TW with an optical day-vision telescope and thermal imaging channel.

It was engineered specifically to make the most of the limited space on gun-mounts and small weapon turrets to provide enhanced aiming capabilities. It can also serve as an optical aiming device for tank-mounted machine guns and as an infrared sensor box, and may even be linked with fire control systems.



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KLP TW

| Technical Data | | Features |
|-------------------------|--|---|
| Day channel | | On/off, fields of view switch NFOV/WFOV (EO zoom), manual focusing (autofocus request), polarity (white/black = HOT), brightness (automatic/manual), still picture, edge enhancement, homogenization request, crosshairs brightness, crosshairs position (in second menu level) |
| Zoom | 2x, 6x | |
| Field of view | 9° NFOV, 27° WFOV | |
| Reticle | Crosshairs with ballistic marks for various weapons | |
| Dioptre adjustment | ±4 dpt | |
| Sun protection filter | 10% pivotable | |
| Laser protection filter | 1064 nm L5 | |
| Thermal imager | | |
| Detector | 640x512 px | |
| Wavelength | 3 - 5 µm | |
| Field of view | NFOV: 2.7° x 2.13°, WFOV: 11° x 8.7° | |
| Display | Internal high resolution micro monitor Video out for external monitor | |
| Range | Identification >2000 m acc. STANAG 4347 (NATO std. target) | |
| Electrical Data | | |
| Power supply | 24 V (vehicle power supply acc. to VG 96916) | |
| Mechanical Data | | |
| Dimensions (WxHxL) | 230x250x440 mm | |
| Weight | <15 kg | |
| Ambient Conditions | | |
| Environmental tests | MIL-STD-810E (selected paragraphs) | |