



Infrared Illuminator for Vehicles

type number 01255



Main Features:

- Allows cameras to provide crystal clear, high signal images during the hours of darkness.
- Infrared semi - covert very homogenous Illumination
- Well suited for IR- sensitive cameras (e.g. Aschenbrenner's type 01257)
- Long life LED's
- Remote control of light output
- Build-in test
- Developed for extrem harsh environmental conditions
- Ideal for armored wheeled vehicles and tracked vehicles
- Robust, waterproof and extremely shock- and vibration-resistant
- Milled aluminium housing with tree deflector

Options:

- Wavelength 940 nm for covert Illumination
- CAN-Bus control interface
Version 2.0 B (SAE J1939) with protocol CAN-Open or CAN-CUP

Optional Accessories:

- Day & night WDR Camera type 01257 with Infrared Illuminator interface
- Cleaning nozzle
- Mounting adapters and wiring harnesses for various vehicles

Ask for further technical information!

Functional or interface modifications can be realized on request. Each configuration change causes a new type number.

Technical Data:

Centroid Wavelength:	850 nm
Spectral bandwidth at 50%:	30 nm
Radiation angle:	80° H / 50° V
Distance:	depending on camera's sensitivity, 30 m with our camera 01257
power output control:	5 % ~ 100 % and OFF by discrete PWM-input
build-in test status:	by discrete output
Power supply:	24 V DC according to VG 96916-5 Function from 16 V
Power input:	< 15 W
Connector:	VG95234A14S-6PN
Dimensions:	170 x 119 x 93 (W x H x D) without connector
Weight:	approx. 1.9 kg
Enclosure:	milled Aluminium alloy
Paint finish:	RAL 6031 bronze green or TBD
Temperature:	-40 °C to +72 °C (operating) -40 °C to +90 °C (storage)
EMC / EMI:	VG 95373 (MIL-STD-461E on request)
Protection:	IP 67 (immersion depth up to 4 m)
Shock / vibration:	MIL-STD-810E