# Monochrome Day & Night-Vehicle Mounted Camera with Remote Controlled Wiper and Protective Door

#### type number 00896



## Main Features:

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- Ultra low light camera produces clear images on both day and night conditions. The camera can automatically change between day and night modes of operation depending on the intensity illumination.
- No need for artificial illumination in the night mode
- Superior light sensitivity comparable to Image- Intensified CCD cameras is attained by forward looking video processing inside the CCD-Sensor.
- Main advantages over Image-Intensified CCD cameras are: excellent daylight performance and image sharpness, reliability, long lifetime and better price-performance ratio.
- applicable as rear view camera and for observation of vehicle surroundings
- Rugged, mud-proof, water-proof and extremely shock and vibration resistant camera housing for use under harsh environmental conditions as in armoured wheeled or tracked military vehicles
- Remote operated door protects the objective lens when camera is not in use.
- Objective lens window cleaning with durable brush on the back side of protective door

#### **Optional Accessories:**

- Various displays and video distribution units with integrated camera remote control
- 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.

# aschenbrenner elektronik gmbh

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### Technical Data:

| Sensor type:1/3" EXview HAD B & W CCDActive pixels:752 x 582 (H x V)Video standard:CCIR / STANAG 3350B (EIA / STANAG 3350C version on request)Video output:VBS 1 Vss / 75 ΩHorizontal resolution:570 TVLExposure control:Shuter iris and Automatic gain controlSensitivity (day):0,3 Lux for 48 dB SNR, 40 IRESensitivity (night):0,00025 Lux for 20dB SNR, 40 IREStandard lens:f=3,6 mm; F=2Angle of view:72 °H / 54 °V (another angle of view on request)Basic remote control:Sensitivity (night):Advanced remote control inputAdvanced remote control inputAdvanced remoteFull remote control and Built-In rest via CAN-BusCAN-Bus:Version 2.0 B (SAE J1939) protocol CAN-Open or CUPConnector:VG95234A20A48PNPower supply:24 Vdc according to VG 96916-5Power input:<25 WTemperature:-40 °C to +63 °C (operating) -40 °C to +90 °C (storage)Dimensions:178 x 90 x 141 mm (W x H x D)Weight:approx. 2,2 KgColour:RAL 6031 bronze green or TBDEMC / EMI:IP 68 (immersion depth up to 2 m)Shock / Vibration:MIL-STD-810E |                      |  |
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| up to 2 m)  | EMC / EMI:           |  |
| Shock / Vibration: MIL-STD-810E   | Protection:          |  |
|   | Shock / Vibration:   | MIL-STD-810E   |

Picture of customized camera version published with permission of Rheinmetall Landsysteme GmbH

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