

Ruggedized Wide Angle Colour Ball Camera for Vehicles and other Outdoor Military Applications

type number 01014



Main Features:

- Rugged colour high resolution compact camera for operating under harsh environmental conditions as in armoured wheeled or tracked military vehicles
- Applicable for drivers rear, front or side view
- Helps to keep blind spots in sight
- Extremely shock and vibration resistant waterproof housing
- Reinforced black plastic bracket allows flexible alignment of viewing direction
- For rear view, picture can be simply mirrored by reversing of the power supply polarity
- Heating for quick de-icing of the objective lens window with a variety of configuration possibilities:
 - automatic heating at low temperature
 In this case, heating can be inhibited to make the camera invisible for enemys infrared cameras.
 - Heating switchable by display with time function
 - Heater connected in parallel to the heating of outside rear view mirror or windscreen switched by mirror / windscreen de-ice timer relay or temperature sensor.

Technical Data:

Sensor type:1/4" Sony Colour CCDActive pixels:752 x 582 (H x V)Video standard:PAL (NTSC version on request)Video output:CVBS 1Vss / 75 ΩHorizontal resolution:460 TVLExposure control:Shutter Iris and automatic gain controlSensitivity:1 Lux / 50 IREStandard lens:f=1,78 mm; F=2Angle of view:113° H / 84° V (Another angle of view on request)Connection:Shielded cable with SJTG06RT08-35PN014 plugPower supply:12 Vdc +/-10 % / 2 WTemperature:-40 °C to +71 °C (operating) -40 °C to +90 °C (storage)Dimensions:ball-diameter 55 mm center of sphere 40 mm about mounting surfaceWeight:ca. 500 gMaterial / Surface:anodized AluminiumColour:BlackEMC / EMI:according to VG 95373 (MIL-STD-461E on request)Protection:IP 69k according to EN 60529Shock / Vibration:MIL-STD-810E		444% 0 0 1 000
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Ask for further technical information! Functional or interface modifications can be realized on request. Each configuration change causes a new type number.

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Optional Accessories:

- Rain- and sun protection shed
- Tree protector
- Cleaning nozzle
- Displays with integrated camera power supply and remote control for wash pump and camera de-icing
- Camera power supply for land vehicle 24 Vdc Network conforming to standard VG96916-5
- Video distribution units

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