

CMOS ball camera

Product group: 103000, 104000

No liability is accepted for misprints.
Contents subject to change.

Technical data:

- **Image sensor** 1/4" CMOS
- **Resolution** NTSC: 720 x 486 pixels (W x H), PAL: 720 x 576 pixels (W x H)
- **Protection class** IP 69K
- **Temperature range** -40 °C to +85 °C
- **Vibration resistance** 50 G
- **Aperture angle** 70°/100°/120° and 100° low distortion
- **Operating voltage** 10 to 36 V
- **Video format** PAL/NTSC
- **Dimensions (Ø x D)** Ø55 mm x 47 mm (without bracket)
- **Housing** ALU-die cast, salt resistant, black coating
- **Power consumption** < 1 W (< 3,5 W, Heater on)
- **Minimum illumination** < 0,5 lux
- **Weight** 180 g (without bracket)
- **Cables** ADR certified, resistant to oil and gasoline
- **Connectors** 1: MEKRA plug connector, 0,35 pigtail, Ø< 18 mm (IP 69K)
2: M16 bolt connector, 1,0 m pigtail, Ø< 19 mm (IP 67)
- **Other** Integrated Heating

Certificates:

- CE
- RoHS
- E1
- FCC

Suitable for extreme conditions
Integrated Heating
Resistant to high pressure cleaners
Dustproof
Extended voltage range 10 – 36 V
ADR certified cables and connectors

Variations	
Part number	Designation
103070	CMOS ball camera 70° PAL
103072	CMOS ball camera 70° NTSC
103100	CMOS ball camera 100° PAL
103102	CMOS ball camera 100° NTSC
103120	CMOS ball camera 120° PAL
103122	CMOS ball camera 120° NTSC
104100	CMOS ball camera 100° PAL low distortion
104102	CMOS ball camera 100° NTSC low distortion
103222 ²	CMOS ball camera 120° PAL M16 connector
103223 ²	CMOS ball camera 120° NTSC M16 connector

