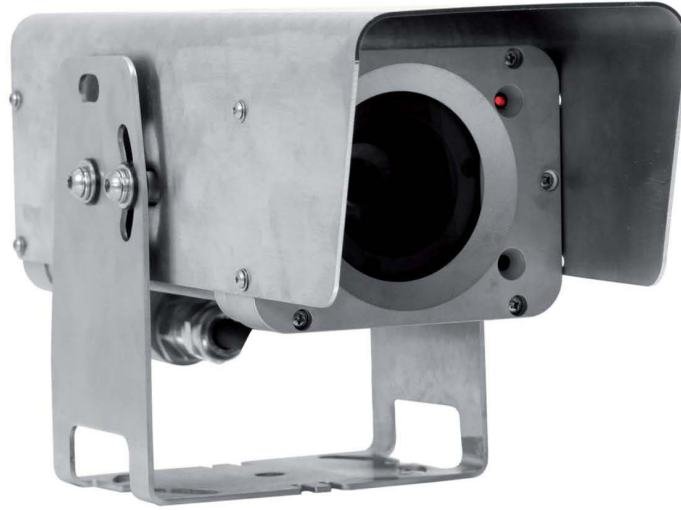
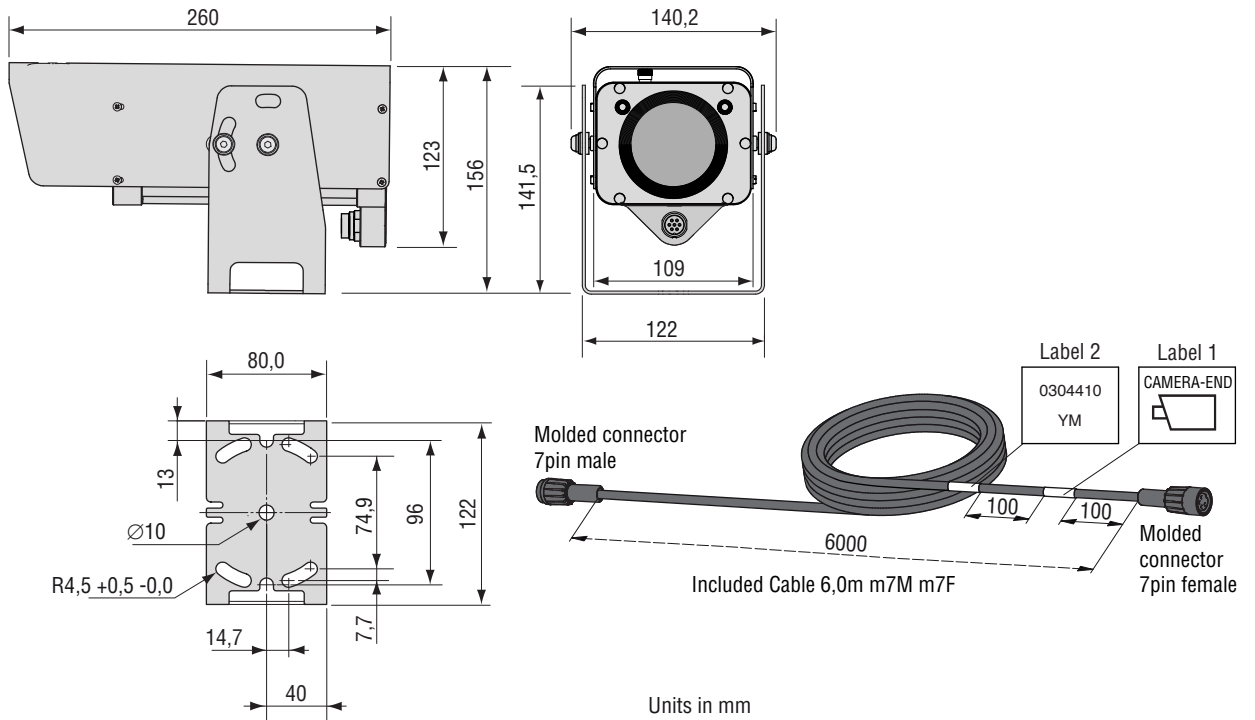


Product Data



Dimensions



TECHNICAL DATA

Camera AFZ Sst RS232

Camera AFZ Sst RS485

Article number	Description A.003463 Camera AFZ Sst RS232
Article number	A.004906 Camera AFZ Sst RS485
Sensor	
CCD sensor	2.4 MPixel 1/3" CMOS sensor
Effective pixels	1956 (H) x 1266 (V)
Hor. resolution	>700 TV lines (PAL/NTSC)
Lens	30x optical, 32x digital zoom. f = 5.1 mm to 51 mm, F1.6 (WIDE) to F1.8 (TELE) High zoom ratio up to 53x when used in PAL/NTSC mode (1.9x digital zoom will not influence image quality. Sensor itself is ± 4x the number of pixels needed to create PAL/NTSC output).
Angle of view (H)	58,9° (wide) 2, 11° (tele)
Minimum illumination	0,5 Lux (1/30 sec.) / 0,025 Lux (1/7,5 sec)
S/N ratio	50 dB or more.
TV System	PAL/NTSC, CVBS, Output: 1 Vtt composite video into 75 ohm
Electrical	
Power input	Cable between camera and power supply < 50 m 12-24V/DC, > 50 m 18-24V/DC.
Power consumption	Temperature <0°C (heating on): 7,2 W & >0°C (heating off): 3,6 W.
Communication	Communication via serial interface through pin nr. 5 and 6 of the 7 poles connector, Visca-, Pelco-D protocol (RS232 or RS485) 9,6 Kbps, 8 bit, 1 stop bit, no parity.
Cable	Included: Cable 6,0m m7M m7F
Presets	128 presets Visca and 255 presets Pelco-D.
Mechanical	
Construction	Housing, mounting parts and sun cover; stainless steel 316, suitable for mobile applications with shocks and vibrations. Corrosion proof housing according to IEC 60068-2-52 salt mist, cyclic.
Ingress protection	IP 68 according to IEC 60529 (10 m under water for 30 min.)
Bracket	Stainless steel 316, including bolts, nuts and washers. Suitable for mounting overhead and standing.
Operating temperature	-40°C to +85°C.
Glass	Chemically hardened lens glass, 7x stronger than ordinary glass, scratchproof surface, following "VII Flachgläser"(German std.).
Weight	5,1 kg.
Certification	
Green Passport	All materials are compliant to Green Passport requirements according IMO resolution MEPC.197(62) as adopted on 15 July 2011 (Maritime sector: International Maritime Organization concerning the functions of the Marine Environment Protection Committee).

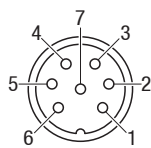
Electrical connections

Solder side of 7p male socket

RS232

RS485

1 = Coax core	(Video signal)	(Video signal)
2 = Coax shielding	(Video GND)	(Video GND)
3 = Red	(12...24V/DC)	(12...24V/DC)
4 = Black	(0V)	(0V)
5 = Orange	(Serial TX)	B (inv.)
6 = Yellow	(Serial RX)	A (non-inv.)
7 = Grey	(Not connected)	(Not connected)
Shielding	GND	GND



Solder side
7P Male socket

All data subject to change without notice. All dimensions are for commercial purpose only.
The camera/display systems comply with the latest CE, ADR, EMC and mirror-directive regulations, where applicable.
All products are manufactured in accordance with the ISO 9001 quality management system, ISO/TS 16949 quality automotive, ISO 14001 environmental management systems and all Ex products with the IECEx scheme and ATEX directives, where applicable.