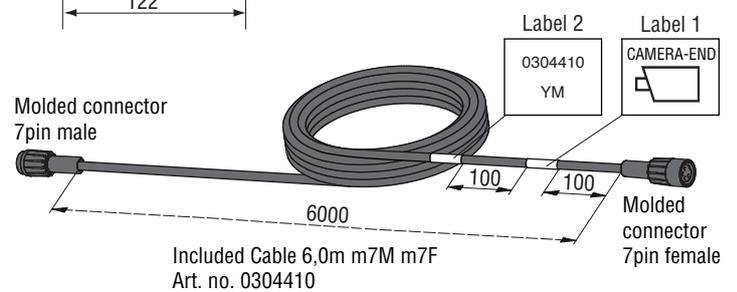
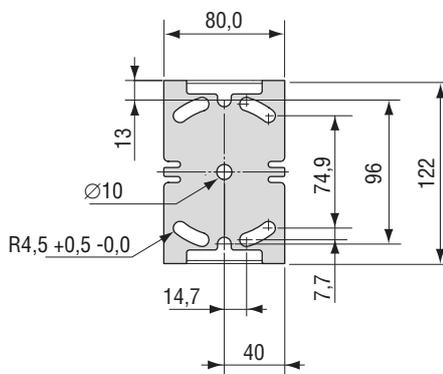
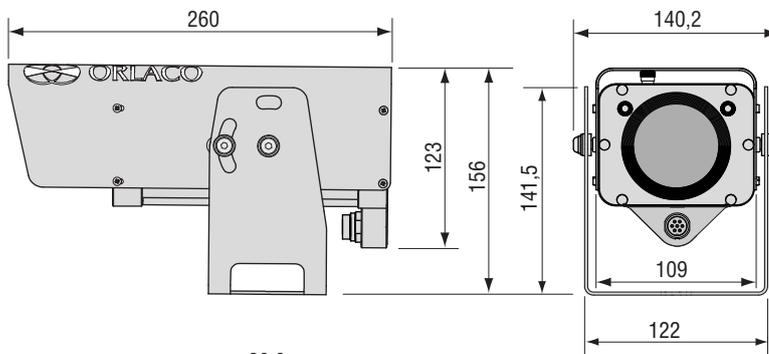


# Product Data



## Dimensions



Units in mm

# TECHNICAL DATA

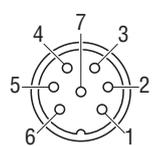
## Camera AFZ Sst

## Camera AFZ Sst RS485

<b>Article number</b>	<b>Description</b>
<b>Article number</b>	<b>0103482 Camera AFZ Sst RS232</b> <b>0113482 Camera AFZ Sst RS485</b>
<b>Sensor</b>	
<b>Image sensor</b>	2.4 MPixel 1/3" CMOS sensor.
<b>Total pixels</b>	1956 (H) x 1266 (V).
<b>Hor. Resolution</b>	>700 TV lines (PAL/NTSC).
<b>Lens</b>	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).
<b>Angle of view (H)</b>	58.9° (wide) 2,11° (tele).
<b>Minimum illumination</b>	0.5 lux (1/30sec).
<b>0-Lux mode</b>	0.025 lux (1/7.5sec).
<b>Electrical</b>	
<b>Power input</b>	Cable between camera and power supply < 50 m 12-24V/DC, > 50 m 18-24V/DC.
<b>Power consumption</b>	Temperature <0°C (heating on): 7,2 W & >0°C (heating off): 3,6 W.
<b>Communication</b>	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.
<b>Cable</b>	Included: Cable 6,0m m7M m7F; Art. no. 0304410.
<b>Presets</b>	128 presets Visca and 255 presets Pelco-D.
<b>Mechanical</b>	
<b>Construction</b>	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.
<b>Ingress protection</b>	IP68 according to IEC 60529, Dust tight and protected against the effects of immersion in water up to 10m under water for 30 minutes and IP69K according to DIN 40050-9, camera can withstand a high pressure cleaning with water: 14-16L/min 80°C and 100 Bars flow.
<b>Bracket</b>	Stainless steel 316, including bolts, nuts and washers. Suitable for mounting overhead and standing.
<b>Operating temperature</b>	-40°C to +85°C.
<b>Glass</b>	Chemically hardened lens glass, 7x stronger than ordinary glass, scratchproof surface, following "VII Flachgläser"(German std.).
<b>Weight</b>	5,1 kg.
<b>Certification</b>	
<b>Green Passport</b>	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).
<b>Serial commands</b>	See Orlaco Visca protocol manual; <b>IM0973300</b> .
<b>Installation</b>	See Installation Manual; <b>IM0973112</b> .

### Electrical connections

#### Solder side of 7p male socket



Solder side  
7P Male socket

	<b>RS232</b>	<b>RS485</b>
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

All data subject to change without notice. All dimensions are for commercial purpose only.  
The camera/display systems from Orlaco 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.

