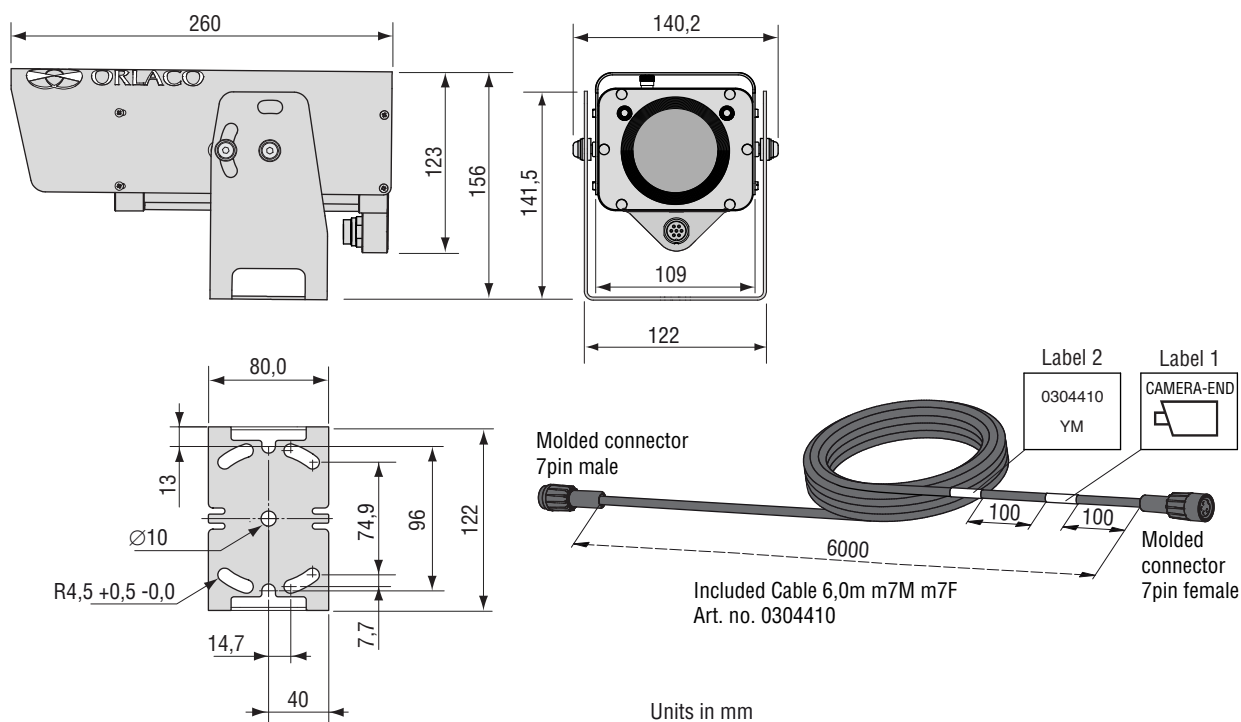


Product Data



Dimensions



TECHNICAL DATA

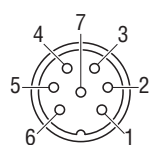
Camera AFZ Sst

Camera AFZ Sst RS485

| | |
|------------------------------|---|
| Article number | Description |
| Article number | 0103482 Camera AFZ Sst RS232 |
| | 0113482 Camera AFZ Sst RS485 |
| | Sensor |
| Image sensor | 2.4 MPixel 1/3" CMOS sensor. |
| Total pixels | 1956 (H) x 1266 (V). |
| Hor. Resolution | >700 TV lines (PAL/NTSC). |
| Lens | 30x optical, 32x digital zoom. $f = 5.1 \text{ mm}$ 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 $\pm 4x$ 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 (1/30sec). |
| 0-Lux mode | 0.025 lux (1/7.5sec). |
| | 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; Art. no. 0304410. |
| 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 | 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. |
| 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). |
| Serial commands | See Orlaco Visca protocol manual; IM0973300 . |
| Installation | See Installation Manual; IM0973112 . |

Electrical connections

Solder side of 7p male socket



Solder side
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 |

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.

