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Product Data

Dimensions
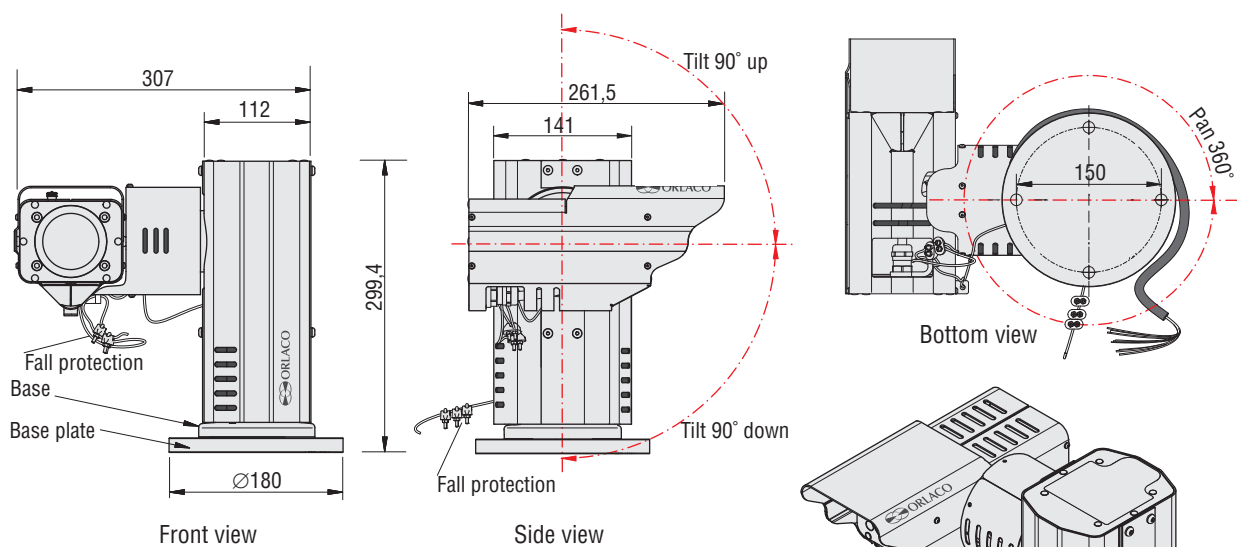
307
112
Fall protection
Base
Base plate
⌀180
Front view

Tilt 90° up
261,5
141
299,4
Fall protection
Tilt 90° down
Side view

150
Pan 360°
Bottom view

Cable length 5m
3,5m available for installation
Cable Base 9B-1CD-11W
Art. no. 1221300

Units in mm

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Specialised Camera Solutions
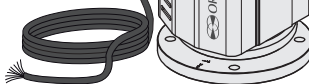
Camera PTZ SSt
Camera PTZ SSt RS485

Description
Article number	**0506912 Camera PTZ SSt RS232**
Article number	**0516912 Camera PTZ SSt RS485**

General
Pan Tilt unit including zoom camera. The PTZ unit functions via two industrial stepping motors. These stepping motors are controlled by the integrated micro-controller and input commands RS232 or RS485 Visca-, Pelco-D protocol.

Zoom camera
CCD sensor	1/4" type Super HAD CCD II.
Effective pixels	± 570000 pixels (PAL).
Hor. resolution	670 TV lines.
Lens	40x optical zoom f = 3.06 mm to 122.4 mm (WIDE), F1.6 to F4.6 (TELE), 12x digital.
Lens speed	From wide optical to tele optical 3,5 sec.
Angle of view (H)	48° (wide) 1,6° (tele).
Min. working distance	10 mm (WIDE end), 1500 mm (TELE end).
Minimum illumination	0,6lux (1/60sec), 0,04lux (1/3sec). 0 lux mode.
S/N ratio	50 dB or more.

Pan & Tilt
Pan angle	Total 360°, 180° left, 180° right.
Tilt angle	Total 180°, 90° up, 90° down from horizontal.
Backlash PTZ	1°.
Pan & Tilt speed	12,5°/sec.
Presets	128 presets Visca and 255 presets Pelco-D.
Controls	The PTZ camera can be controlled by means of the Monitor 7" RLED Serial; article no. 0208232 or the Monitor 12" Serial article No. 0207910.

General
Housing	Stainless steel 316.
Weight	15 kg, including 5m. cable.
Cable	Length 5m, 3,5m available for installation, Cable Base 9B-1CD-11W, Art. no. 1221300.
Protection	IP 69K according IEC 60529, 1,4 Bar overpressure filled with dry nitrogen, long term stability 0,1%/year.
Operating temperature	-40°C to +85°C. Puls width modulated thermostatically heating integrated.
Power input	18...30V/DC or alternatively 100...240V/AC via SmartBoard.
Power consumption	Pan & Tilt; 24V. Heating on; 12W, heating off; 8,4W (Automatic heating).
Communication	Communication via serial interface, Visca- Pelco-D protocol (RS232 or RS485) 9,6 Kbps, 8 bit, 1 stop bit, no parity.
Included	Steel cable fall protection.

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
Cable Base, Art no 1221300

	RS232	RS485		
1 = Coax core	Video	Video		
2 = Coax shielding	Video GND	Video GND		
3 = Red	Camera power	Camera power		
4 = Black	Camera 0V	Camera 0V		
5 = Red/White	Pan/Tilt power	Pan/Tilt power	1 = Red/blue	N.C.
6 = Black/White	Pan/Tilt 0V	Pan/Tilt 0V	2 = Black/blue	N.C.
7 = Green	Serial 1 RS-232 TX	B (inv)	3 = Blue	N.C.
8 = Grey	Serial 2 RS-232 RX	A (non-inv)	4 = Brown	N.C.
9 = Black/Gray	Serial 0V		5 = Shielding	N.C.

Cut off at wire entry (In Junction box)

Installation	See installation manual IM0973143.

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