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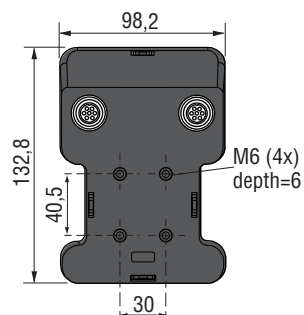
WIEGEL
Transport Equipment | Stokvis Group

Spectrum Scanner RoundMax 150
Article no. 0004061
Spectrum Scanner LineMax 300
Article no. 0004091
2018 • DS0963460 EN A 01

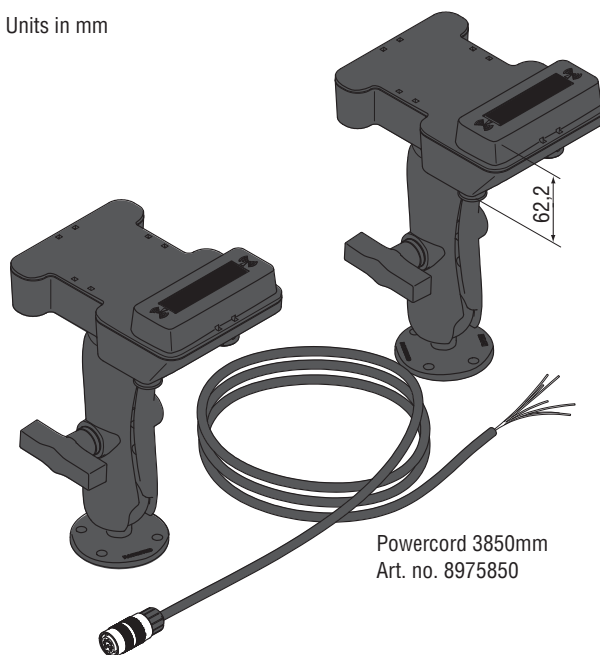
Product Data



Dimensions



Units in mm



Powercord 3850mm
Art. no. 8975850

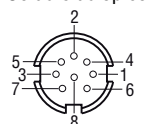
TECHNICAL DATA

Spectrum Scanner

	Description	
Set (Art.No. Set)	RoundMax150 (0004061)	LineMax300 (0004091)
Transmitter (Art.No.)	TOH360 (8930001)	TDV90 (8930061)
Receiver (Art.No.)	ROH360 (8930081)	RDV90 (8930141)
Video-antenna type Transmitter	Omnidirectional	Directional
Video-antenna type Receiver	Omnidirectional	Directional
Video-antenna orientation Transmitter	Horizontal	Vertical
Video-antenna orientation Receiver	Horizontal	Vertical
Degree Video-antenna Transmitter	360°	90°
Degree Video-antenna Receiver	360°	90°
Maximum range	150m	300m
	The maximum range is measured under optimal conditions in the open field. Local interference and weather conditions can cause the maximum range to decrease.	
Weight	0,70kg (each). 0,72kg (Transmitter), 0,73kg (Receiver).	
Tv encoding system	PAL, NTSC, CVBS, Output: 1 Vtt composite video into 75 ohm (Receiver). PAL, NTSC, CVBS, Input: 1 Vtt composite video into 75 ohm (Transmitter).	
Housing	PC+ABS, nonbrominated flame retardant.	
Bracket	2 clamping adjustable brackets 190mm (art. no. 2015600) are supplied.	
Ingress protection	IP68 according to IEC 60529, IP69K according to DIN 40050-9.	
Power input	Spectrum Scanner working range = 8-30V/DC. Operating power range is dictated by camera power requirements.	
Serial input Receiver	Zoom/pan/tilt commands will be transmitted to the camera/pan/tilt (connected to the Transmitter).	
General Purpose Input (GPI)	0-55V, 0-4V (low) / 4-55V (high).	
General Purpose Output (GPO)	0V (low) / 5V (high) 90mA short-circuit protected.	
Power consumption	3W, Heating on: max 9W.	
Transmitting power	+12 ~ 14dBm (under 25mW).	
Operating temperature	-40°C to +85°C.	
Software	Full On Screen Display (OSD) functionality for system settings.	
Data antenna frequency	2405-2480MHz.	
Video channels	8.	
Video channel frequencies	1= 5733MHz 2= 5752MHz 3= 5771MHz 4= 5790MHz 5= 5809MHz 6= 5828MHz 7= 5847MHz 8= 5866MHz.	
Powercable	3,85m with 8p female connector is supplied. (Art. No. 8975850).	
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).	
Manuals	User Manual UM0972150, Installation Manual IM0973610	

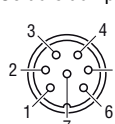
Electrical connection

Solderside 8p connectors:

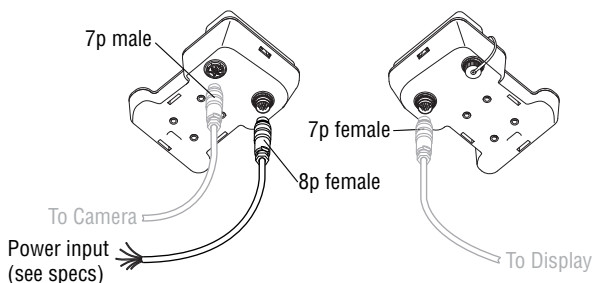


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|---------------------------------|--------------------------|
| 1 = Red (power input see specs) | 5 = White/Yellow (GPI 3) |
| 2 = White (0V) | 6 = Grey (GPO 1) |
| 3 = Blue (GPI 1) | 7 = Yellow (GPO 2) |
| 4 = Brown (GPI 2) | 8 = N.C. (GPO 3) |

Solderside 7p connectors:



- | | |
|--------------------------------|-----------------|
| 1 = Coax core (video) | 5 = Orange (RX) |
| 2 = Coax shielding (video GND) | 6 = Yellow (TX) |
| 3 = Red (12-30V/DC) | 7 = Grey |
| 4 = Black (0V) | |



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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.