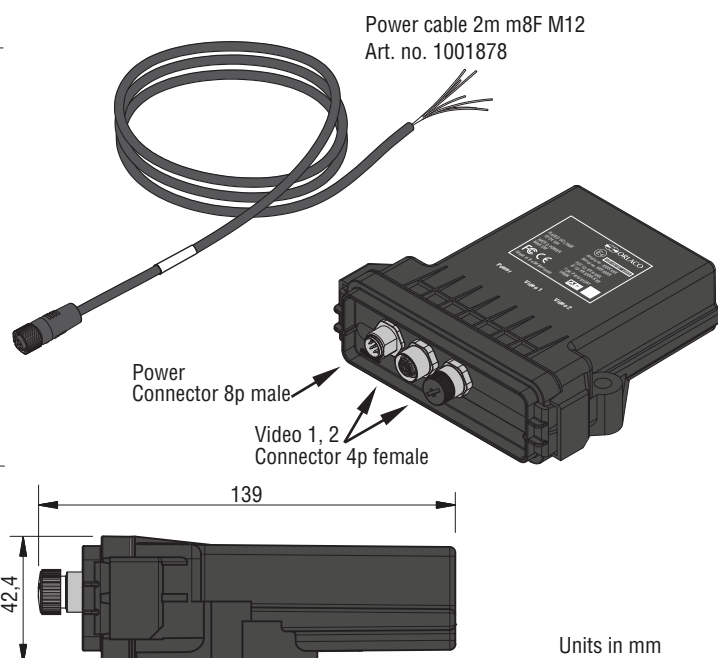
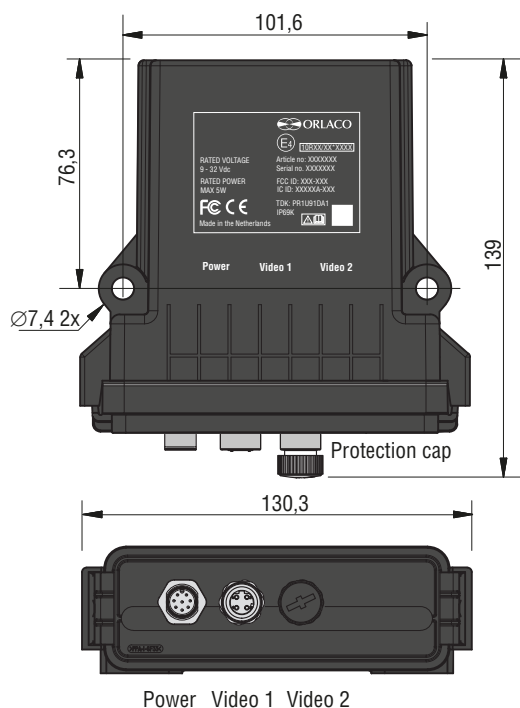


# Product Data



## Dimensions



Units in mm

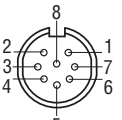
TECHNICAL DATA

WISR

Article number	<div>Description</div> <div>0300100</div>
Description	Wireless Send Receive (WISR).
Software	The WISR works together with the Android app 'PhotonView'.
Weight	0,30kg.
Video encoding system	RTP/AVB, MJPEG, H.264.
Operating temperature	-40°C to +85°C.
Firmware	The WISR firmware can be updated via Wi-Fi® with the tablet (Android Photon View app) with a Wi-Fi® connection.
Antenna type	Internal antenna with MIMO technics.
Antenna orientation	Omnidirectional.
Frequency range	Ch. 36 ~ 48 (5170-5250 MHz) and Ch. 149 ~ 165 (5735-5835 MHz). Depending on national requirements.
Max. Transmitting power	1-30 dBm E.I.R.P. Depending on national requirements.
Maximum range	30m open field. Local interference, metal object and weather conditions will shorten the maximum distance.
Rated voltage range	<div>Electrical</div> <div>9-32Vdc.</div>
Rated power	5W max.
Switch Inputs	4 Camera selection inputs plus Handbrake and Tacho inputs 0-30V, 0-8V (low) / 8-30V (high).
Power cable	Power cable 2m m8F M12 (Art. No. 1001878).
Housing	<div>Mechanical</div> <div>Automotive thermoplastic polymer (33% glass filled).</div>
Ingress protection	IP67 according to IEC 60529; dust tight and protected against the effects of continuous immersion in water up to 1m for 30 minutes. IP69k according to DIN 40050-9: WISR can withstand a high pressure cleaning with water: 14-16L/min. 80°C and 100 bars flow.
Quality & environment Approvals	<div>Certification</div> <div>Unit manufactured by Orlaco in the Netherlands; ISO 9001, ISO14001, IATF 16949. CE, FCC, UN Regulation No. 10.</div>

Electrical connections

Power socket			Video 1, 2 sockets	
Pin	Cable wire color	Function	Pin	Function
1	= Red	= Power	1	= Tx Data +
2	= White	= 0V	3	= Tx Data -
3	= Blue	= CAM 1	2	= Recv Data +
4	= Brown	= CAM 2	4	= Recv Data -
5	= White/Yellow	= CAM 3		
6	= Green	= CAM 4		
7	= Grey	= Aux 1		
8	= Yellow	= Aux 2		



Power  
Front side  
Male Connector



Video 1  
Front side Female  
M12 Connector D-Coded



Video 2

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, IATF 16949 quality automotive, ISO 14001 environmental management systems and all Ex products with the IECEx scheme and ATEX directives, where applicable.

