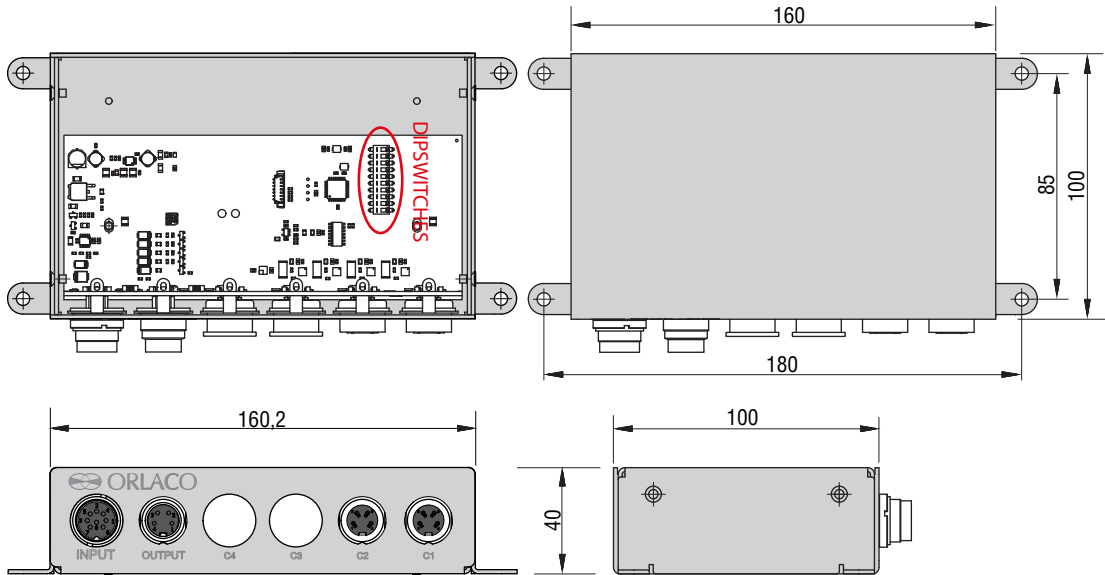


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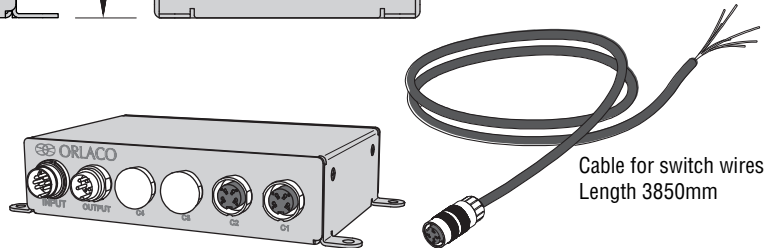
Product Data



Dimensions



Units in mm



Switcher 4cam, EXT switch wires

Article number	Description 0404300
Functional description	This Video switcher has 4 video inputs and 1 video output. The power supply to the switcher is done via the video output. The video output will be displayed on the monitor. To choose one of the video inputs to be displayed on the monitor the switch wires can be used. Another way to select the input to be displayed is by using mA switching from the Orlaco monitor. To activate the video channel on a monitor the switcher has a feedback cam select output. This is output is active high when a switch wire is activated. The 0404300 Video switcher is designed for standard PAL / NTSC signals with the video signal sync tip clamped at 0V or more. The Video switcher has been tested on Orlaco cameras based CMOS technology and will function properly.
Features	Selectable external switch wire switching or switching by mA. Selectable high or low trigger for external switch wires. Selectable Delay on switch wires (blinking light input). Output "Feedback Cam Select" for trigger to navigation-systems.
Housing	Dimensions: 160 x 100 x 40mm, RVS housing.
Input/output	4x PAL or NTSC video inputs. 4x switch wire input (C1...C4). 1x switch wire output. 1x monitor input/output.
Input voltage	12/24VDC - Input voltage = Output voltage to cameras.
Weight	0,79kg.
Protection	IP54.
Including	3,85m Cable for switch wires, Art. No. 1220900 Multi cable 7 x data + shielding and 8p female connector.

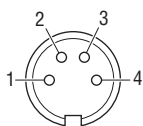
Electrical connections



Dipswitch settings*	Default
1 = Stand Alone On/Off	= Off
2 = Enable hard wired	= On
3 = Trigger High/Low	= On
4 = n.a.	
5 = Delay Cam1 On/Off	= On
6 = Delay Cam2 On/Off	= On
7 = Delay Cam3 On/Off	= Off
8 = Delay Cam4 On/Off	= Off
9 = n.a.	
10 = Feedback cam select	= OFF
ON = Output is 75% Power in	
OFF = Output is 40% Power in	

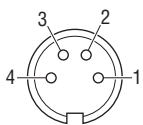
*To change the dipswitch settings the housing must be opened by removing the 4 screws at the sides and take the top lid of. See dimensions drawing on the front page.

Camera connectors



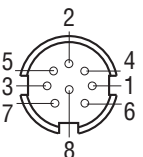
Cam 1,2,3,4
1 = Video in
2 = Video GND
3 = Power out
4 = GND

Output connector



Monitor
1 = Video out
2 = Video GND
3 = Power in
4 = GND

Switch wires, 8p female connector



1 = Not connected	5 = White/yellow = Select Cam 3
2 = Not connected	6 = Grey = Select Cam 4
3 = Blue = Select Cam 1	7 = Yellow - Feedback Cam select, see dipswitch settings
4 = Brown = Select Cam 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, ISO/TS 16949 quality automotive, ISO 14001 environmental management systems and all Ex products with the IECEx scheme and ATEX directives, where applicable.

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