



W2100-Video-System-13m

Technical Specification of the Video Camera Setup for Use with the W2100-System

Technical Specification

Camera

Type / Manufacturer	UI-3140CP-C-HQ Rev.2 from IDS (http://en.ids-imaging.com)
Sensor type	CMOS Color
Frame rate (freerun mode)	224.0 fps
Resolution (h x v)	1280 x 1024 Pixel
Shutter	Global-Shutter
Optical class	1/2"
Resolution	1.31 MPixel
Pixel size	4.8 μ m
USB interface	USB 3.0, Micro-B, screwable
I / O connector	8-pin circular connector (HR25-7TR-8PA(73))
Camera mount	C-Mount

Objective

Type / Manufacturer	H2Z0414C-MP from Computar (www.computar.com)
Focal length	4 mm - 8 mm
Max. image format	6.4 mm x 4.8 mm (diameter 8 mm)
Operation range: Focus	0.5 m - inf.
Objective mount	C-Mount

Cable Assembly

Camera control cable	13 m: KRY2100-50, BK PIN 4900048 w\ 2 x Lemo connector
USB 3.0 cable	13 m: Consisting of: 3 m: A-male/microB-male screwable, BK PIN 4900039 and 10 m: USB 3.0 active cable BK PIN 4900040

Camera Mount

ABUS TV8391