

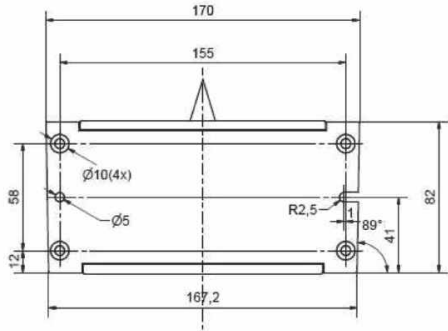
Technical Specifications

The **CRS CutOffRegisterSmart** camera is intended for use in colour register measuring systems.

GM part number: 62013011310 CRS CutOffRegisterSmart

Sensor	S/W CMOS WVGA
Resolution W x H (1)	752 x 480 Pixel
Image section W x H	32 x 20 mm
Illumination	LED
Max. image or measuring frequency	30 Hz
Max. Line Speed	17 m/s
Accuracy for measuring	0.05 mm
Lens focal length	8 mm
Depth of field	+/- 3 mm
Working distance (2)	23,5 mm
Processor	DSP Blackfin
RAM	64 MB
Memory Card	1 GB SD
Network connection	100 MBit Ethernet, M12
Motor control	RS485 M12
Angle encoder interface	A+/-, B+/-, R+/- RS485, M12
Weight	0,970 kg
IP rating	IP65

Outer Dimensions



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The Smart Twins
IRS InlineRegisterSmart



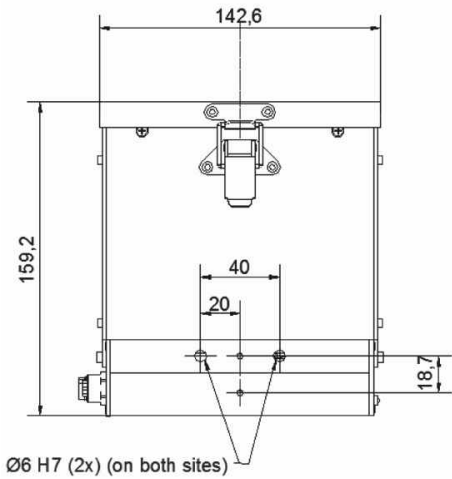
Technical Specifications

The **IRS InlineRegisterSmart** camera is intended for use in colour register measuring systems.

GM part number: 62013011290 IRS InlineRegisterSmart

Sensor	CMOS Colour 1.3 MP
Resolution W x H (1)	1280 x 1024 Pixel
Image section W x H	Ca. 21 x 17 mm
Illumination	LED
Max. image or measuring frequency	10 Hz
Max. Line Speed	17 m/s
Accuracy for measuring relative position to colour for register mark	0.01 mm
Lens focal length	35mm
Depth of field	+/- 10 mm
Working distance (2)	30 mm
Processor	DSP Blackfin
RAM	64 MB
Memory Card	1 GB SD
Network connection	100 MBit Ethernet, M12
Motor control	RS485/422 M12
Angle encoder interface	A+/-, B+/-, R+/- RS485, M12
Weight	2,0 kg
IP rating	IP54

Outer Dimensions



INSIDE LEFT

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CRS CutOffRegisterSmart



INSIDE RIGHT