

In-Sight Micro Specifications

IMAGE	
Sensor	
Standard resolution models	1/3-inch CCD
High resolution models	1/1.8-inch CCD
Resolution (pixels)	
Standard resolution models	640x480 VGA
High resolution models	1600x1200 UVGA
Acquisition ¹	
Standard resolution models	42 full frames per second
High resolution models	13 full frames per second
Lens type	
	CS-mount and C-mount (with 5mm extension, included)
MINIMUM FIRMWARE REQUIREMENTS	
In-Sight version	Release 4.1
MEMORY	
Job/Program	64MB non-volatile flash memory
Ram/ Image Storage	128MB
I/O	
Trigger Input	One onboard opto-isolated, NPN/PNP, acquisition trigger input
Discrete Outputs	Two onboard opto-isolated, NPN/PNP, high speed outputs, 100mA Max
Expansion I/O	Eight Ethernet inputs, eight Ethernet outputs when connected to the CIO-WENET (750-341) Ethernet I/O expansion module
Status LEDs	Network, 2 user-configurable
NETWORK COMMUNICATIONS	
1 Ethernet port, 10/100 BaseT TCP/IP	
Standard Protocols	TCP/IP, SMTP, FTP, Telnet, DHCP (factory default) or static IP address
Fieldbus Protocols	PROFINET, Ethernet/IP, Modbus TCP
POWER	
Class	Class 2 (Power Over Ethernet) PoE device
Type	A or B accepted

MECHANICAL	
Material	Die-cast zinc housing and steel cover
Mounting	Four M3 threaded mounting holes or included 1/4"-20 mounting block
Dimensions	30mm (1.18in) W x 30mm (1.18in) H x 60mm (2.36in)D
Weight	145g (5.1oz.) with mounting block 120g (4.2oz.) without mounting block

ENVIRONMENTAL	
Operating Temp	0°C (32°F) to 45°C (113°F)
Storage temp.	-30°C (-22°F) to 80°C (176°F)
Humidity	90%, non-condensing
Protection	IP51
Shock	80G per IEC 68-2-27.
Vibration	10G from 10-2000 Hz. Vibration per IEC 68-2-6.

CERTIFICATIONS	
CE, FCC, TUV SUD NRTL, RoHS	

In-Sight Micro Dimensions

