

## Technical Specifications for CIO-MICRO

Specification		Description
Compatibility		In-Sight Micro series vision systems
I/O	Trigger	Optically isolated trigger input; ON: 20 to 28V (24V nominal), 2.2 to 3.3 mA OFF: 0 to 3V (12V nominal threshold), <308µA; Resistance ~9,000 Ohms
	Inputs	8 general purpose, optically isolated discrete (Maximum 30 VDC, 100 mA)
	Outputs	8 general purpose, optically isolated discrete (Maximum 30 VDC, 100 mA)
	High-Speed Outputs	2 optically isolated discrete (Maximum 28 VDC, 100 mA)
Connectors	Ethernet (LAN)	RJ-45 10/100/1000 port (IEEE 802.3 Type 10Base-T; IEEE 802.3u Type 100Base-TX; IEEE 802.3ab 100Base-T Gigabit Ethernet)
	PoE	RJ-45 10/100/1000 port (IEEE 802.3 Type 10Base-T; IEEE 802.3u Type 100Base-TX; IEEE 802.3ab 100Base-T Gigabit Ethernet) with PoE
	Serial (RS 232)	1 RS-232C port (2400-115,200 baud), 8 data bits, 1 stop bit, RxD, TxD, and flow control (RTS/CTS & XON/XOFF)
	I/O	DB15 I/O providing Trigger, HS OUT 0, HS OUT 1, and the COMMON signals to In-Sight Micro vision system
Status LEDs		MODULE OK, COMM OK, PoE STATUS, trigger, and one for each input and output.
Mechanical	Housing	Black plastic
	Mounting	#3 DIN-rail (35 mm)
	Dimensions	Width: 139.5 mm (5.49 in), Depth: 125.4 mm (4.94 in), Height: 51.3 mm (2.02 in)
	Terminal Block	16 AWG to 22 AWG Torque 0.2 Nm (1.7 in-lb.)
	Weight	295 g (10.4 oz.)
Power Supply		+24VDC +/- 10%
Environmental	Temperature	Operating: 0°C to 50°C (0°F to 122°F) Storage: -10°C to 65°C (0°F to 149°F)
	Humidity	Operating and Storage: 0 to 90%, non-condensing
	Altitude	2000 m (6565 ft)
	Pollution Degree	2
	Shock	80 G per IEC 68-2-27
	Vibration	10 G per IEC 68-2-6
Regulatory Compliance		CE, FCC, CSA, RoHS, TUV

Product Dimensions:

