Specification		Description
Minimum Firmware Version	CIO-MICRO	In-Sight version 4.2.0 or later
	CIO-MICRO-CC	In-Sight verion 4.3.0 or later
Compatibility		In-Sight Micro series and 5600 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 30VDC, 100 mA)
	Outputs	8 general purpose, optically isolated discrete (Maximum 30VDC, 100 mA)
	High-Speed Outputs	In-Sight Micro series vision systems: 2 optically isolated discrete (Maximum 28VDC, 100 mA) In-Sight 5600 series vision systems: 2 discrete (Maxiumum 28VDC, 200 mA)
	CC-Link	CIO-MICRO-CC only. Standard CC-Link terminal connectors. See the CC-Link specifications for more information.
Ports	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 Ethernet)
	PoE	RJ-45 10/100 port (IEEE 802.3 Type 10Base-T; IEEE 802.3u Type 100Base-TX; IEEE 802.3ab 100Base-T 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, and HS OUT 1 signals to In-Sight Micro and 5600 series vision systems, and 24VDC and ground to In-Sight 5600 series vision systems. HS COMMON is used only with Micro vision systems.
Status LEDs		MODULE OK, COMM OK, PoE STATUS, Trigger, and one for each input and output. CIO-MICRO-CC only: CC-Link status LED for RUN, ERR, RD, and SD.
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 0.0192 Nm (1.7 in-lb.)
	Weight	295 g (10.4 oz.)

Specification		Description
Electrical	Current	600mA (maximum)
	Voltage	24V +/- 10%
	Power Consumption	14.4W (maximum)
Power Supply		+24VDC +/- 10%
Environmental	Temperature	Operating: 0°C to 45°C (32°F to 113°F) Storage: –10°C to 65°C (14°F to 149°F)
	Humidity	Operating and Storage: 0 to 90%, non-condensing
	Altitude	2000 m (6565 ft)
	Pollution Degree	2
	Shock	30 G per IEC 68-2-27
	Vibration	2 G per IEC 68-2-6
Regulatory Compliance	NRTL	TUV SUD AM SCC/NRTL OSHA Scheme for UL/CAN 60950-1
	CB	TUV SUD AM, IEC/EN 60950-1