



In This Section

3.1	General Specifications	13
3.2	Input and Output Specifications	14
3.3	Connector and Terminal Block Specifications	18
3.4	Dimensions	21

3.1 General Specifications

Table 3-1: 1400 I/O Expansion Module General Specifications

Specification		Description
Compatibility		In-Sight 3400 and In-Sight 5000 Series Vision Sensors
I/O	Trigger	1 optically isolated trigger input
	Inputs	7 optically isolated discrete (general-purpose)
	Outputs	6 optically isolated discrete (general-purpose) (Maximum 30 VDC, 100 mA)
	High Speed Outputs	2 non-isolated discrete (high-speed) (Maximum 28 VDC, 200 mA)
Communications	Serial	1 RS-232C port (2400 to 115,200 baud rates), 8 data bits, 1 stop bit, RxD, TxD and Flow Control (RTS/CTS & XOn/XOff)
Status LEDs		MODULE OK, COMM OK, one for trigger and each input and output
Mechanical	Housing	Black plastic
	Mounting	#3 DIN-rail (35 mm)
	Dimensions	Width: 130.0 mm (5.12 in), Depth: 89.6 mm (3.53 in), Height: 46.6 mm (1.84 in)
	Terminal Block	26 to 16 AWG Torque 0.4 Nm (3.5 in-lb.)
	Weight	164 g (5.8 oz.)
Power Supply		24 VDC \pm 10%, 750 mA
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

3.4 Dimensions

Dimensions are in millimeters [inches], are for reference only and may change without notice.

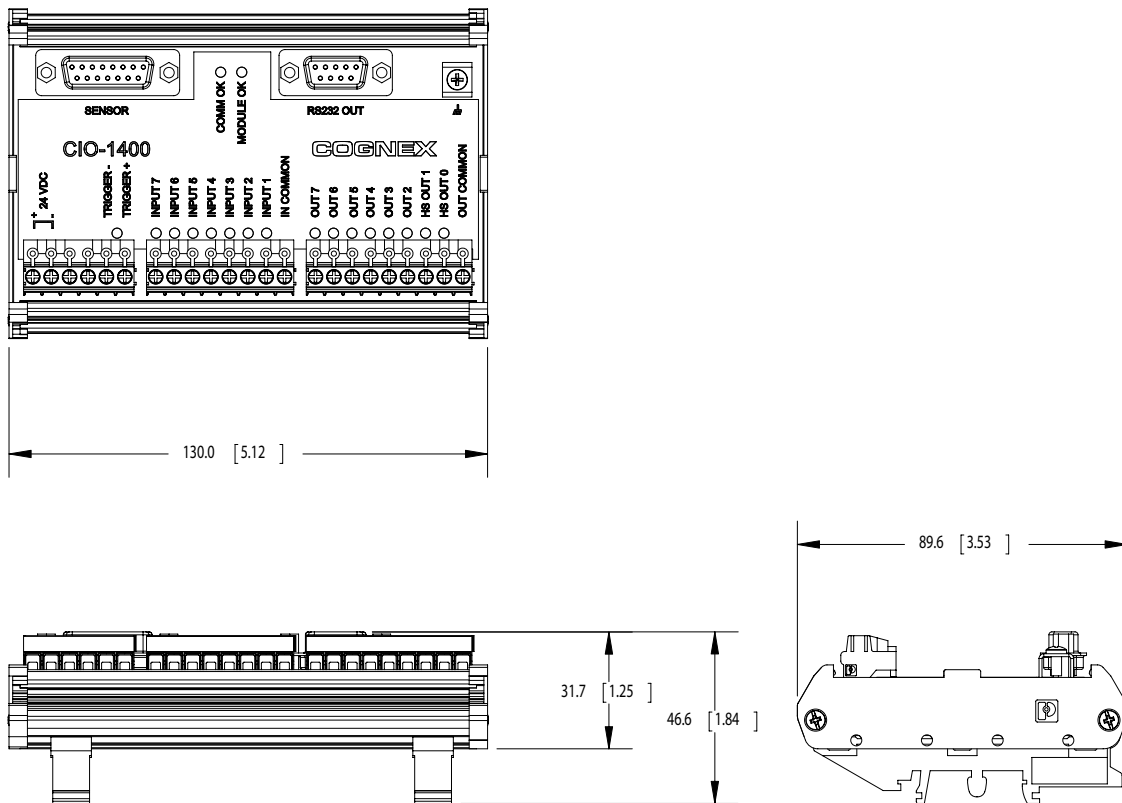


Figure 3-5: 1400 I/O Expansion Module Dimensions