

# XIO3 Controller Sealed



MFG# GS11467

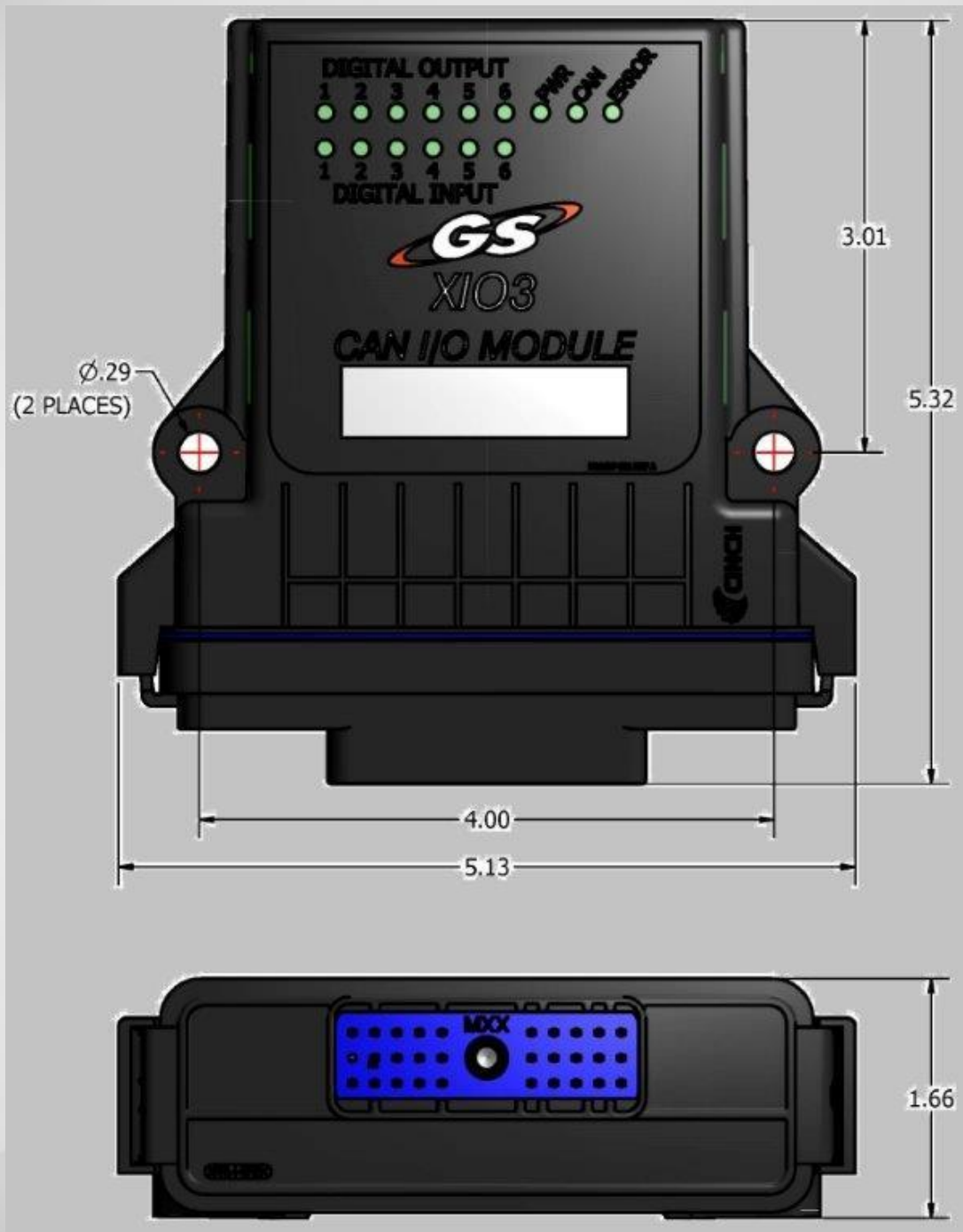
The XIO 3 is a controller board which can be a very cost effective expansion board for an existing control system using J1939 CAN Network. Also, it acts as a stand alone controller for specific applications which allows for a solution which does not require a traditional master controller.

The custom software allows for easy integration into any control system with full CAN J1939 messaging control. The dedicated program can run small solutions on a machine without a full machine program if desired.









The controller is fully sealed for the harsh environment utilizing the Cinch ME housing for a IP67 sealed rating solution. The XIO3 is designed for extreme temperature and climate conditions.

SPECIFICATIONS	
OPERATING TEMPERATURE	-40°C to +85°C
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PGN NUMBERS	OPEN
ENVIRONMENTAL RATING	IP67
VIBRATION	10 to 2000 Hz per axis, 69m/s² Based on MIL-STD-202G
EMI	ISO11452-2
RADIATED	ISO 13766
ESD	ISO10605
HOUSING	CINCH ME
SUPPLY VOLTAGE	8-32 VDC
OUTPUTS	6 Digital Outputs • 3 amps at Full Loads
INPUTS	10 total inputs • 6 Digital (9 to 32 VDC) • 4 Analog (5V max)
CAN PROTOCOL	J1939
CAN SOURCE ADDRESS	EXTERNAL ADDRESS RESISTORS

## XIO3 Controller Sealed – Dimensions



# XIO3 Controller Sealed – Connector Pinout Detail

	A	B	C	D	E		F	G	H	J	K
1	+	-			AI2		DI1	DI4	DO1	DO2	DO3
2	+				AI3		DI2	DI5	Rtrn	Rtrn	Rtrn
3				AI1	AI4		DI3	DI6	DO4	DO5	DO6

PIN	SIGNAL	PIN	SIGNAL
A1	VBATT+	F1	Digital Input 1
A2	VBATT+	F2	Digital Input 2
A3	CAN HI	F3	Digital Input 3
B1	VBATT-	G1	Digital Input 4
B2	Sensor Common	G2	Digital Input 5
B3	CAN LO	G3	Digital Input 6
C1	Sensor Supply (VBATT)	H1	Digital Out 1
C2	Sensor Supply (5V)	H2	Return
C3	Sensor Supply (5V)	H3	Digital Out 4
D1	Address tag Input	J1	Digital Out 2
D2	Address Tag Common	J2	Return
D3	Analog Input 1	J3	Digital Out 5
E1	Analog Input 2	K1	Digital Out 3
E2	Analog Input 3	K2	Return
E3	Analog Input 4	K3	Digital Out 6

## WARNING

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