TID1
series

Product Segments

• Industrial Motion

TID1 is a specially designed 2-channel driver (control box) used in a wide range of industrial applications. With an efficient H-Bridge design, the TID1 delivers a current output of up to 20A per channel to drive the actuator(s). While it can work with most TiMOTION industrial actuators, the versatile TID1 is suitable for a diverse array of applications.

The TID1's housing is IP69K rated and constructed with UV-resistant materials. With built-in thermal sensors to prevent overheating, the TID1 is built to withstand the harshest of elements. Its waterproof connector also makes cable management easier without sacrificing water resistance.
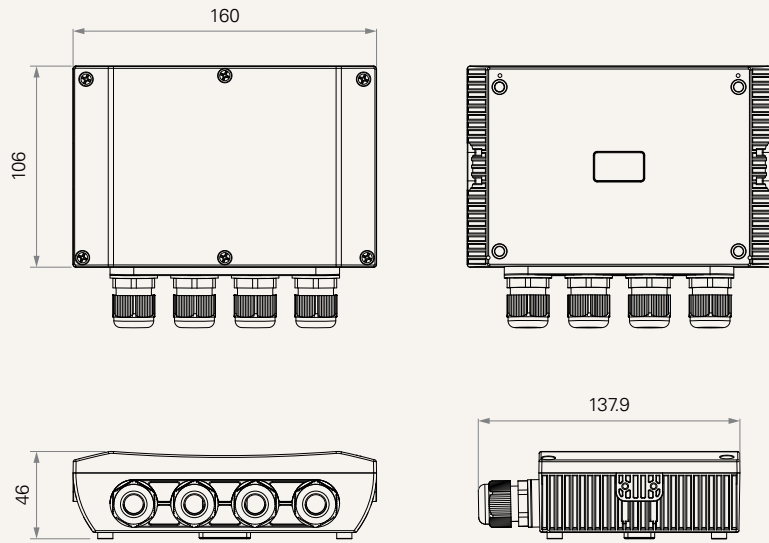
TID1 can be controlled by various types of wired and wireless controllers and PLC using BUS protocol. Through PGTID, the software programmer designed for TID1, it is easy to set up the related parameters.
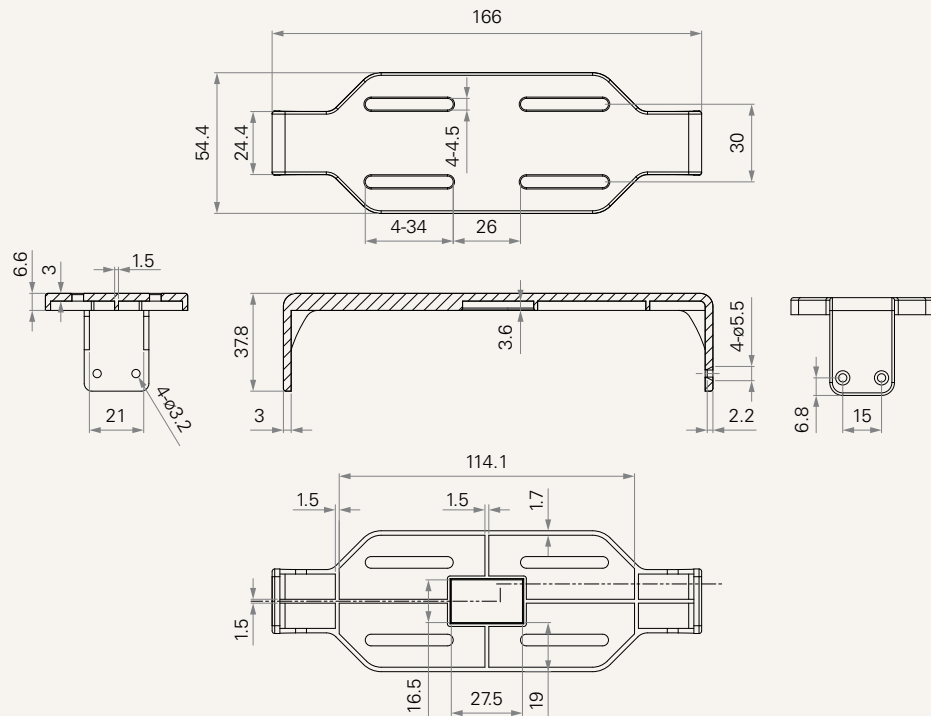
General Features

Number of motors	1~2
Number of controls	1
Max. output	12V DC, 20A ;24V DC, 10A
IP rating	IP69K
Input Voltage	12V DC, 24V DC
Color	Black

Drawing

Standard Dimensions
(mm)

Mounting Bracket
(mm)

TID1 Ordering Key

TID1

Version	T = Standard	G = Light	F = Lifter	N = Analog
Rated Voltage	S = 12 / 24V DC (Dedicated option for Standard version, rated voltage can be adjusted through PGTID)		1 = 12V DC	2 = 24V DC
No. of Actuator	1 = 1 actuator	2 = 2 actuators		
Type of Actuator Port	1 = Standard			
Type of Controller Port	1 = Standard			
Built-in Wireless Function - RF	0 = Without	3 = RF, 315MHz	4 = RF, 433MHz	
Built-in Wireless Function - 2.4Ghz	0 = Without	2 = 2.4GHz		
Bus Interface	0 = Without	C = CAN bus	R = RS-485	
Bus Protocol	0 = Without	T = Timotion sync.		
Cable	N = Without			
Color of Casing	B = Black			
IP Rating	1 = without	2 = IP54	3 = IP66	8 = IP69K
Fixation Plate	0 = without	1 = with		
Accessory - Sealing Plug	0 = without 1 = 1 piece	2 = 2 piece 3 = 3 piece	4 = 4 piece	

Terms of Use

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