PhidgetAdvancedServo 1-Motor

Note: The 1066_1B is identical to the 1066_1, except that you have the option of whether you want to include the USB cable.

The PhidgetAdvancedServo 1-Motor allows you to control the position, velocity, and acceleration of one RC servo motor. The 1066 is powered solely by the USB cable вЂ“ no additional power source is required.

The 1066 measures the power consumption of the servo, and powers servo motors of up to 450mA.

The AdvancedServo connects directly to a computerвЂ™s USB port.

Comes packaged with

- A hardware mounting kit (4 nuts and bolts (M3), 4 plastic spacers)

Product Specifications

Servo Controller	
API Object Name	AdvancedServo
Number of Motor Ports	1
Pulse Width Min	83.3 ns
Pulse Width Max	2.7 ms
Pulse Width Resolution	83.3 ns
Pulse Code Period Max	25 ms
Measurement Current Min	30 mA
Measurement Current Max	500 mA

Measurement Current Error	10 %
Board	
Controlled By	USB (Mini-USB)
API Object Name	RCServo
Electrical Properties	
Current Consumption Min	30 mA
Current Consumption Max	500 mA
USB Voltage Min	4.8 V DC
USB Voltage Max	5.3 V DC
Continuous Motor Current Max	450 mA
Output Impedance (Motor)	200 O©
USB Speed	Full Speed
Physical Properties	
Object Temperature Min	0 B°C
Object Temperature Max	70 B°C