



## Servo - Hitec HS-5035HD (Ultra Nano Size)

ROB-14210 RoHS



**Description:** This is one of the smallest servos we carry, but don't let its size fool you! The HS-5035HD is the digital version of the popular HS-35HD and is destined to become a fan favorite! Equipped with a fully programmable digital circuit, Metal Karbonite gear train and long life potentiometer, the HS-5035HD provides heavy-hitting performance in a lightweight package. The HS-5035HD is able to take in 4.8 volts and deliver 11.11 oz-in of maximum torque at 0.1 sec/60°, and this guy is only about the size of a penny!

This high-quality servo is perfect for your mechatronic needs, and if you are looking to get into robotics, this is where to start. The HS-5035HD servo comes standard with a 3-pin power and control cable and all hardware listed below.

**Note:** Check the neutral position before linkage connection. Be advised that this servo is designed to rotate in 360° when the power is off due to its tiny structure. Check the "Neutral Position Warning Instruction" (included with each HS-5035HD) for more information.

### Features:

- Voltage: 4.8 volts
- Torque: 11.11 oz-in
- Speed: 0.1 sec/60°
- Direction: Clockwise
- Rotation: 180°
- Bushing Bearing
- Dual Metal Karbonite Gears
- 3-Pole Ferrite Motor
- A1 Micro Spline
- Clear Enclosure

**Includes:**

- 1x HS-5035HD Servo
- 3x Double Arm Micro Horn
- 1x Long Double Arm Micro Horn
- 1x Four Point Micro Horn
- 2x 4x9mm Phillips Screw
- 2x 3x5mm Phillips Screw

**Dimensions:**

- 18.6mm x 7.6mm x 15.5mm
- Wire Length: 160mm
- Weight: 4.5g