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Description

Customization

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## Description

PCBMotor focus unit for C-mount camera for Vision systems etc,

### Technical features:

The PCBMotor focus has following preliminary specifications:

- 4mm travel in less than 360 degree rotation with adjustable speed.
- Fit S-mount lenses (M12 - with lens head of Ø14mm) for 1/2" sensors, for example
  - F=4.2, f1.8
  - F=8.0, f1.6
  - F=12.0, f1.6
  - F=25.0, f2.4
- Optional sensor and encoder for down to sub-mircon resolution
- Physical dimensions are:
  - 62x42x27mm (LxWxH) - driver included.
- Driver:
  - 0 and 5V DC max 500mA
  - USB A-male

### Included

- PCBMotor focus unit for S-mount lens
- USB connection cable with FTDI chip set to RX/TX on driver
- Free Terminal Emulator software
- Camera board with 1/2" sensor, with USB connection

## Categories

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ABOUT PCB MOTOR

Our customers increase the number of products sold by being able to improve the (low) speed and (ultra high) resolution achievable in their motion control applications. They implement a small Piezo Motor directly onto a printed circuit board. This motor has a high resolution, hollow center, low weight and building height, off-power holding torque and, with it's automated assembly process, lowers their Bill of Material.

PCBMotor's core business model is to operate as a OEM vendor for complete motors. For high volume customers deliveries of subassembly, stator and drivers can be agreed.olume.

To facilitate our customer's time-to-market, our design services for customization our engineers resources include Electronic Hardware & Firmware, Mechanical and Software skills enabling fast and swift prototyping for complete motor solutions.