

Sensors and inputs

Obstacle detection: Left and right infrared obstacle detection sensors

Remote control capability: Edison can be programmed to learn codes enabling it to respond to commands from most standard TV/DVD remote controls

Infrared data comms: Transmit and receive data between two or more Edison robots

Line tracker: Single line tracking sensor, which doubles as a barcode reader and programming port, enabling Edison to follow dark coloured lines

Light sensors: Left and right visible light level sensors

Sound sensor: Single sound sensor to detect loud sounds, such as claps

Outputs

Drive: Differential drive system with two wheels that can drive forwards and in reverse

Infrared data comms: Transmit and receive data between two or more Edison robots

Sound: Single small speaker capable of a range of frequencies

Lights: Left and right red LED lights

Requirements

Battery: 4 x AAA (UM 4) – Not included