Product name:	Product code:
Obstacle Avoiding Smart Car Training Kit	CMI-NP-2006



Description

Smart car kit with ultrasonic sensors on a servo head to detect and steer around obstacles. Teaches sensor data processing and decision making in mobile robots.

Technical specification

Battery	7.4 V Li-ion pack
Power Supply	230 V AC, 50 Hz, single phase
Construction	Powder coated MS frame with laminated work surface and labelled terminals

Standard Accessories

- Patch cord set
- Instruction manual
- Experiment manual

The Obstacle Avoiding Smart Car Training Kit is designed for ITI, polytechnic and TVET laboratories. The kit lets learners program obstacle detection, turning logic and distance based speed control.

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Features

- Ultrasonic sensor with servo head
- Four wheel drive chassis
- Motor driver with PWM control
- Open source style microcontroller board
- Obstacle course blocks

Technical Specifications

Chassis	4 wheel drive acrylic
Ultrasonic Range	2-400 cm
Servo Scan Angle	180 degree
Motors	4 nos geared DC, 6 V
Controller	32 bit microcontroller