



# Vehicle Motion Detector module MC17



Nvis Technologies Vehicle motion detector module, MC17 is an extension for Nvis Microcontroller development platforms. The object is to have a clear understanding of how to measure the speed of vehicle using Microcontroller. Vehicle motion detector module. MC17 has input and output terminals for connection of external real world applications.

## Features

- Infrared(IR) transmitter interface
- IR receiver interface
- Expansion connectors for plug in with
- Every pin is marked in order to make work easier

Note :

- This module is compatible with Scientech 620X Series and Nvis 5001A/2/3/4/4A/5 Series Microcontroller development platform.
- To run MC17 module with Nvis 5004, Add-on board is required.
- To run MC17 experiments, MC04 module is required.

## Scope of Learning

- Study of IR Sensor interface
- Study of vehicle speed measurement

## Technical Specifications

|                        |                                                                                        |
|------------------------|----------------------------------------------------------------------------------------|
| IR Transmitter         | : IR LED                                                                               |
| IR Receiver            | : L14F1 Phototransistor                                                                |
| Power Supply           | : From Scientech 620X Series and Nvis 500X Series Microcontroller development platform |
| Product Tutorial       | : Online on <a href="http://www.Nvistech.com">www.Nvistech.com</a>                     |
| Interface              | : 20 pin FRC cable, 2 & 3 pin Relimate Connector Cable                                 |
| Dimensions (mm)        | : W 302 x D 150 x H 75                                                                 |
| Weight                 | : 380 gms (approx.)                                                                    |
| Included Accessories : |                                                                                        |
| Toy Car with Remote    | : 1 no.                                                                                |

Designed and Manufactured in India by -

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