



DESCRIPTION

This ECU can manage any 4 strokes combustion engines, up to 4 cylinders.

Heart of the system is the MPC565 Power PC from Freescale, and with a 56Mhz system clock guarantee high calculation performances.

Full parameter customizations and the automapping feature, are the keys for maximum flexibility, and permit to adapt this ECU to many different engine configurations:

- 1 to 4 cylinders
- 1 to 2 injectors per cylinder
- aspirated or turbo charged
- different free wheels and signal systems

On-board CAN and RS232 lines, provide a simple and standard way to connect the ECU to a data logger system or a common PC.

A 3D Windows application, purposely developed for this unit, is designed for customize and monitor all the system parameters and the external sensors data.

With a black anodized aluminum box fully CNC worked, and very compact dimensions, installation process is very simple and quick, specially on motorbike.



TECHNICAL DATA

Mechanical data

Dimensions (no fastening)	90 x 105 x 40
BOX	Aluminum
Main connector	8ST0C16G35PN
Weight	320g

Inputs

Analogic	10
Digital	6
Lambda Sensor	1
Load Cell	1
Pick-up inductive / hall	2
Battery Level	1
Wheel Speed	2

Outputs

Injector Driver	8
Coil Command	4
H Bridge	1
Water Pump (customizable)	1
Fan (customizable)	1
RPM (customizable)	1

Communication

CAN Line (1Mbit/s)	1
RS232 Line	1

Electrical Data

Power Supply	8 – 18Vdc
Temperature Range	-20 – 85°C

Management Software

Windows application MON137J, with 3D maps viewer.