

T-SERIES ECU

T2 IGNITION



- Ignition Only
- Wideband Lambda monitoring
- Up to 4 cylinders
- Up to 12 cylinders with distributor(s)
- 13 inputs
- 6 outputs
- 3 control strategies
- IP67 extruded aluminium case

The T2i is the ideal choice for histoic, carburetted engines. It has wideband lambda monitoring and logging to help tune and diagnose fuelling issues with carburettors. It has flat-shift for dog-engaged gearboxes and can run engines up to 12 cylinders with distributors or 4 cylinders with wasted spark. It even has launch control and boost control!

T-Series engine control units are powered by an all-new, automotive specific, multi-core processor. They feature Bosch lambda controllers for maximum accuracy, multiple safety redundancies, high resolution map tables, fully configurable I/O and up to 32Mb of up to 1Khz logging with compression algorithms for fast log downloads. The PC software has a user-friendly, responsive design for better readability on high resolution monitors using high scaling (DPI). It features a full oscilloscope for crankshaft/camshaft signal analysis and allows firmware to be upgraded without special cables or separate software.

INPUTS

Analogue (0-5v)	6
Digital	2
Thermistor (NTC)	2
Wheel Speed	1
Wideband Lambda	1
Knock	0

OUTPUTS

Digital (PWM)	4
Coil Drivers	2
Injector Drivers	0
Cam Solenoid Drivers	0
H-Bridge (FBW) Drivers	0

COMMUNICATIONS

USB	For PC connection
Serial	For dyno box connection
CAN bus	For communication with dashboards, power distribution modules, dataloggers etc.

CONTROL STRATEGIES

Auxiliary PWM Control	✓
Pit Limiter	X
Launch Control	✓
Flat-shift Control	✓
VTEC Control	✓
Boost Control	✓
Idle Control	✓
Wideband Lambda	single
Variable Cam Control	X
Traction Control	X
Wet/Dry Traction	X
Fly-by-wire Control	X
Knock Control	X
Paddle-shift Control	X

MISC

Dimensions	129x108x48mm
Weight	526g
Material	extruded aluminium
Ingress Protection	IP67
Hardware Upgradeable	To T2