

3000GT Series2 EMS AEM Part# 30-6311

Outputs

Injector outputs	6 Peak & Hold, 6 Saturated
Coil outputs	6
Selectable direct drive or 0-5V coil output	✓
Direct plug in, no jumper harness required	✓
General purpose LS outputs	12
General purpose HS outputs	4
Individual cylinder ignition trims	✓
Individual cylinder fuel trims	✓

Inputs

Trigger inputs (Ref/Sync)	4
Analogue voltage inputs	18
Configurable Analog/RTD/Thermister inputs	4
Switch inputs	5
Lambda inputs	2x
Knock sensors	2
User adjustable knock sensor center frequency	✓

Communication

USB comms	✓
RS232 comms	✓
Communication cables included	✓
Fully enabled editing/logging software included	✓
CAN bus equipped	✓
RS232 datastream output	19 ch
CAN datastream output	19 ch
Communicates with AIM Dash/Dataloggers	✓
Communicates with Racepak Dash/Dataloggers	✓

Data Acquisition

Internal data logging	1 MB
Maximum internal logging rate (per channel)	250 Hz
PC logging	✓
Data analysis using AEMLog	✓

Functions and Features

All channels/maps/tuning options unlocked	✓
Boost control	✓
Groundspeed based boost target	✓
Nitrous injection	✓
Staged injection	✓
Ground speed limiting	✓
Traction and launch control	✓
Overrun boost enhancement (anti-lag)	✓
Gear change ignition cut (shift-without-lift)	✓
Stepper motor idle control	✓
Password protected calibrations	✓
Main Relay control	✓
Fuel & Ignition rev limiters	✓
"In-cockpit" global fuel trim capability	✓
Gear dependant shift light	✓
Evap/Purge Function	✓
DC Motor control	2 Ch
Software definable "virtual" switch inputs	2
EGT Based fuel trims	✓
Maximum boost limit	None

Physical

Length	192 mm
Width	150 mm
Height	37 mm
Finish	Black Anodized