HOLLEY HP EFI
SOFTWARE FEATURES

- Intuitive software and features designed for novice and veteran tuners
- Fuel and Ignition Control for 4, 6, 8, 10 cylinder even fire engines
- Capable of driving up to 16 low and high impedance injectors with multiple strategies.
- Simple to use but powerful idle control, temperature and acceleration enrichment strategies
- Base Fuel Table units can be programmed as either lbs/hr of fuel or engine VE.
- Can be set to 31x31 or 16x16 with user adjustable axes. 8x8 Target Air/Fuel Ratio table
- Fully adjustable closed loop and fuel table learn parameters
- Razor sharp closed loop response
- Speed Density, Alpha-N or Alpha-N/Speed Density combination fueling strategies
- Ignition plug and play with GM 24x and 58x LSx engines, Chrysler Hemi (Non-VVT), Ford 36-1, GM HEI, Ford TFI.
- Magnetic and hall effect crank utilizing pulse/fire, Ford 36-1, Holley 60-2, GM 24X/58X signals
- Hall effect and magnetic cam triggers utilizing single pulse & GM 4X signals
- 1-5 bar MAP sensor capability
- Two channel knock control sensor inputs for both one or two wire knock sensor with frequency and sensitivity adjustments
- Main Rev limiter plus two more limiters with choice of fuel, ignition control or both
- Allows for use of common OEM sensors as well as customer sensor calibration input
- Dedicated fuel and oil pressure inputs
- Internal data-logging standard with a huge 4 GB of memory
- Fully featured data-log review software
- CAN interface output to Racepak V-Net
- Data-logger, scalable axes, smoothing, multiple graph view ability, pre-defined notes fields and many more
- Strip Chart Real-Time Data Viewer
- Fully Configurable laptop Gauge Panel
- Controls both stepper and PWM idle air (IAC) motors
- Distributorless ignition (DIS) outputs capable of directly driving "smart" ignition coils or Holley DIS coils. Drivers will control 2 wire coils such as Modular Ford and Chrysler HEMI

- 4 stage progressive nitrous oxide control
  - Progressive control nitrous based on time, RPM, or boost
  - Wet or dry operation, progressive control for either
  - Adjustable closed loop A/F targets for each stage
  - Added fuel programmed in lbs/hr
- Integrated Water / Methanol injection control.
  - Fully programmable 16x16 Water/Meth injection table.
  - Programmed as a percentage of fuel injector flow or pure solenoid duty cycle
  - Complete control of pump activation and low systems safety features
- Turbocharger boost control
  - Fully featured boost control capability eliminates the need for separate boost control device
  - Can program boost curves in wastegate dome pressure or actual intake boost
  - Boost scramble inputs
  - Boost safety cut-offs
  - Can be configured to control boost based on time, gear, speed and manual inputs
  - Gear based boost control configurable by several different methods
  - "Boost builder" functions offer the ability to assist building boost on the starting line
- Traction Control - Power reduction via timing, nitrous percentage or boost (Requires Davis Technologies Holley Module)
- User configurable input and output programming
  - Outputs can be programmed as pulse width modulated or switched
  - Unique circuitry allows inputs to be programed as speed/frequency. 0-5v, 0-20v, thermistor, or switched high or low. User configurable inputs and outputs can be programmed to have a variety of different inter-dependencies
- Configurable for: dual cooling fans, dual fuel pumps, AC inputs, basic TCC lockup and multiple timing retard inputs
- User Programmer caution and warning outputs for all sensors
- Vehicle speed input
- Fuel map and learn function smoothing
- Configurable user password protection
- Over 32 base global folder (calibration) included in the software to help with your start up calibration
- 4 programmable pulse width modulate (PWM) outputs (2 high and 2 low) and 4 fully configurable inputs