

# ETHOS<sup>®</sup> + EESC319

## BID SPECIFICATION



Snap-on<sup>®</sup> ETHOS<sup>®</sup> +

### PRODUCT FEATURES & SPECS

#### Platform Hardware

- Handheld Portable Diagnostic Scan Tool
- 5.6" Color Touch Screen LCD Display
- 640 x 480 Screen Resolution
- All Operations Via Touch Screen or Y/N Buttons and 4-Way Thumb Pad
- User-Programmable 'S' Shortcut Key for Screen Brightness, Save Screen, Save Movie, Menu Shortcuts and Record/Pause
- Powers from Vehicle Data Cable, AC/DC Power Supply, or Internal Power 6 'AA' Batteries
- USB Interface Port
- MicroSD Storage Card for Software and User Data
- Automatic Power On and Bootup When Connected to Vehicle
- 10 Second Bootup
- 1-year Manufacturers Warranty
- Height: 9.2 inches (232 mm)
- Width: 5.8 inches (149 mm)
- Depth: 1.8 inches (47 mm)
- Weight w/batteries 2.0 lbs (0.9 kg)

#### Platform System Software

- Updateable System Software and Vehicle Communication Software
- Vehicle-specific code descriptions in plain English
- Save and Recall Previous 25 Vehicle Identifications
- Live Data Graphing up to 4 Parameters at Once
- Live Data Graph Zoom for X-Axis
- Live Data Digital Display up to 7 Parameters at Once
- Ability to Create Custom Data Lists

- USB Printing Support
- View up to 230 Frames of Data
- Display Live Data While Recording All Available Data Parameters
- Pause Data Capture for Review
- Data Movie Recording & Review Capabilities
- Screen Image Save and Store
- PID Trigger Sets Threshold Values to Automatically Record Live Data
- Built-in CAN Protocol Support
- Customizable Configuration Settings, Including: Screen Brightness, Touch Screen Calibration, Units, of Measure, Time Zone, Time & Date & Format, Color Theme, Battery Type, Font, Color Theme, Power Save Backlight Time

#### OEM-Specific Vehicle Communication Software

- 1980 – 2014 GM Vehicle Communications for Code Reading and Clearing and Live Data Display
- 1981 – 2013 Ford Vehicle Communications for Code Reading and Clearing and Live Data Display
- 1983 – 2013 Chrysler Vehicle Communications for Code Reading and Clearing and Live Data Display
- 1983 – 2014 Asian Vehicle Communications for Code Reading and Clearing and Live Data Display
- Optional 1992 – 2013 European Vehicle Communications for Code Reading and Clearing and Live Data Display

#### Global OBD-II Vehicle Communication Software

- Communicates With All 1996 and Newer OBD-II Compatible Vehicles
- Establishes Communication With The Appropriate Vehicle Protocol Automatically
- Displays Active Communication Protocol Information
- Tests System Readiness Status
- Coverage for 10 Modes of OBD-II
  - Mode 1: graphs or displays current data
  - Mode 2: retrieves freeze frame data
  - Mode 3: monitors diagnostic trouble codes
  - Mode 4: clears emissions related data
  - Mode 5: oxygen sensor monitoring
  - Mode 6: non-continuously monitored systems
  - Mode 7: diagnostic trouble codes detected during last drive
  - Mode 8: request control on-board system
  - Mode 9: displays important vehicle information
  - Mode 10: permanent codes

#### GM Vehicle Communication Software 1980 – 2014

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- Enhanced OBD-I, OBD-II & Generic OBD-II modes
- OEM-Specific Codes and Data Coverage for Engine/Powertrain, Transmission, ABS, Airbag, Body, Instrument Panel, Vehicle Theft Deterrent, Tire Pressure Monitor, Transfer Case, and Trailer Brake Control System Diagnostics, Rear Integration Module, Tire Pressure Monitor, HVAC, & Air Suspension, Code Scan
- Note: Not All Above Systems Applicable To All Models

### Ford Vehicle Communication Software 1981 – 2013

- Enhanced OBD-I, OBD-II & Generic OBD-II modes
- OEM-Specific Code and Data Coverage for Engine, Transmission, ABS, Airbag, Occupant Classification, Body/GEM, Instrument Panel, Anti-Theft, Transfer Case, GEM, 4x4 Module, Tire Pressure Monitor, Driver's Door, Driver's Seat, Sliding Door, Liftgate Trunk, Power Running Boards, Lighting Control, Auto Temp Control, Navigation, Parking Aid, Electric Power Steering, Battery Control, Air Suspension, Code Scan, Clear All Codes
- Note: Not All Above Systems Applicable To All Models

### Chrysler Vehicle Communication Software 1983 – 2013

- Enhanced OBD-I, OBD-II & Generic OBD-II modes
- OEM-Specific Codes and Data Coverage for Engine/Powertrain, Transmission, ABS, Airbag, Body, Occupant Classification Module, HVAC, Shifter, Steering, Door, Liftgate, Sunroof, Park Assist, Central Gateway, Instrument Panel, Transfer Case, TPMS, Code Scan
- Note: Not All Above Systems Applicable To All Models

### Asian Import Vehicle Communication Software 1983 – 2013

- Enhanced OBD-I, OBD-II & Generic OBD-II modes
- OEM-Specific Codes and Data Coverage for Engine (including Hybrid), Transmission, Airbag, ABS, HVAC, Instrument panel, TPMS, Cruise Control, Power Intelligent Control System, Hybrid brake, Air Suspension, Door Module, Occupant Detection, Intelligent Cruise Control, Code Scan, Clear All Codes
- Note: Not All Above Systems Applicable To All Makes
- Coverage For Most Popular Asian Makes: Acura, Daihatsu, Honda, Hyundai, Infiniti, Isuzu, Kia, Lexus, Mazda, Mitsubishi, Nissan, Scion, Subaru, Suzuki, Toyota

### (Optional) European Import Vehicle Communication Software 1992 – 2013

- Enhanced OBD-I, OBD-II & Generic OBD-II modes
- OEM-Specific Codes and Data Coverage for Engine, Transmission, Airbag, ABS, Climate/HVAC, Instrument panel, TPMS, Cruise Control, Power Control, Door Module, Occupant Detection, Intelligent Cruise Control, Maintenance Monitor Lights, Suspension, Body Controls, Power Management, Audio, Navigation, Headlights, Park Assist, Antitheft, Stability, Steering
- Note: Not All Above Systems Applicable To All Models
- Coverage For Most Popular European Makes: Audi, BMW, FIAT, Jaguar, Land Rover, Mercedes, MINI, Porsche, SMART, Volvo, VW

### Standard Accessories

- ETHOS User Information CD
- 5 Ft OBD-II Adapter/Cable
- AC/DC Power Adapter and Connector
- USB Cable for Connecting to PC
- 6 'AA' Batteries
- Custom Fit Padded Nylon Carry Case

### Optional Accessories

- EAK0301B08A Domestic and Asian OBD-I Adapter Kit 1 – Includes adapters: Multi1, Ford1B, Ford4, GM1, Toyota1, Toyota2, Nissan1, Nissan2, Mazda1, Honda1, Mitsubishi1
- EAK0288B04A Domestic and Asian OBD-I Adapter Kit 2 - Includes Adapters: Chrysler 1, Chrysler 2, Jeep 1, Multi-2, Adapter Wire Terminal Kit, Ground Adapter, Hyundai 2
- EAC0110L35A3 Screen Protectors, 3 Pack
- EESP319EUA European Vehicle Activation/Adapter Kit – Includes Software Activation on MicroSD Card, VW1 Adapter, MB1 Adapter, MB2A Adapter, BM1B Adapter, Data Cable
- EAX0068L10A Extended 9 Ft OBD-II Data Cable
- EAK0313B02A Hand Strap and Folding Stand
- ShopStream Connect™ PC Interface Software. Save, Store, Playback Codes, Data, Screen Images

NOTE: Coverage based on vehicle-specific systems availability and varies by model. Information current as of 8/26/2014. Subject to change without notice.