FVDI for BMW-MINI Introduction

Version: V10.3

ABRITES Commander for BMW is a PC - Windows based diagnostic software for dealer level access to the vehicle (identification, trouble codes and so...), mileage recalibration, key programming, programming vehicle order. Tool can access CAS1, CAS2, CAS3 and CAS3+ by OBDII independent from the firmware of the CAS. Also you can perform unusual for remaining diagnostic tools operations with the electronic modules inside of the vehicle like programming Vehicle Order and Coding of electronic control units. Access to the EEPROM memory of the units in the vehicle. Covers vehicles BMW series starting from E36 up to latest models F series (F01, F10,F20,F25 and so...).

Functions included in the base package (FVDI interface)

1. Identification (VIN, mileage, production data)
2. Read and clear diagnostic trouble codes (current, history and shadow)
3. Added DTCs in 17 languages: English, German, French, Thai, Swedish, Italian, Spanish, Indonesian, Korean, Greek, Turkish, Chinese, Chinese traditional, Russian, Dutch, Portuguese, Japanese. DTC conditions information (Odometer value, Timestamp, full engine status report for EDC17)
4. Some DTCs (mostly that of F series) are given detailed documentation of what caused the problem and how the problem should be handled
5. Manager of service intervals, reset service reminders (CBS)
6. Measured values/live data
7. Read and Program Engine Control Unit flash memory for tuning purposes by OBDII
8. Entering and leaving from logistic mode of the modules in the vehicle
9. Synchronization DME/DDE and EWS/CAS, CAS and ELV
10. Enable / Disable of the keys
11. Enable / Disable of TV function for E3x,E46,E5x,E83,E85,E86 (for the next bodies available via unit coding)
12. Ability for diagnostic on internal CAN buses
13. Read / Program mileage from the IKE, LCM, EWS, ECU, ABS, VTG, EGS (please refer coverage list)
14. Displaying KEY CUTTING code (mechanical code) stored in CAS modules

Special functions:

1. Service intervals/CBS - ability for programming of service counters by OBDII
2. Programming flash memory of all electronic control units by OBDII (can be used directly databases released from BMW)
3. Programming Vehicle Order data (you can add new units to configuration of the

vehicle) - E body

4. Coding (configuration) of each electronic control unit in the vehicle - E body

5. Programming identification of the modules in the vehicle *

6. Programming User Information Fields in the electronic modules *

7. Read / Write of memory of the electronic control modules *

8. Program mileage stored in CAS1, CAS2 and CAS3 by OBDII

9. Program keys by OBDII - CAS1, CAS2 and CAS3 systems - support latest versions CAS3 updated in 2011 year

10. Key programming for CAS3+ with latest firmware version (ISTA-P 45)

11. Preparing a keys by dump for BMW models with CAS4 - newest BMW 1, 5, 5 GT, 6, 7, X3 series (body Fxx)

12. Read / Write eeprom from CAS1 via OBDII

13. Read / Write eeprom data from CAS2/CAS3 via dash connector or cas-connector

14. Read / Program mileage stored in different electronic control units by OBDII like ECU, EGS, SGM, JBBF and many others

15. Extracting and programming synchronization code between ECU and CAS by OBDII

16. Ability to works together with transponder programmer

* Not granted for all type of control modules.