

V600-BM Overview:

V600-BM is a professional BMW diagnostic and programming tool. It has the capabilities of intelligent vehicle diagnosis, ECU programming, calibration and some special functions. It supports all mainstream BMW diagnostic software on the market. It features in high-performance CPU, WIFI dual mode (STA/AP), Ethernet communication.

Functions & Features

V600-BM Functions

1. Can perform vehicle intelligent diagnosis, all-system all-function fast diagnosis; can read & clear fault codes, read data stream, actuation test etc.
2. ECU programming and calibration. Fully compatible with official diagnostic software
3. Multi-task diagnosis: based on the efficient architecture design of diagnosis service software
4. Diagnostic feedback: support one-key upload the device logs. If you encounter exceptional vehicle and abnormal function, you are allowed to report the problem to the manufacturer, then the technicians will track and handle your problem.

V600-BM Features

1. With the size of about 108 x 52 x 27 mm, the pocket device is more portable
2. Brand new industrial design, the shell is made of solid and stain-resistant material, it is more suitable for the automobile maintenance environment.
3. Support WiFi wireless connection, high-speed transmission, long-distance transmission, stable signal and strong anti-interference; WiFi can be set as STA or AP mode at the same time, making users work in comfortable indoor environment.
4. Support wired Ethernet connection, can freely switch between 2 modes WAN / LAN.
5. Support protocols for BMW diagnosis, including: ISO14230, ISO15765, IFH, DoIP, etc.
6. Cover a wide range of vehicles and support efficient and reliable diagnostic functions and a variety of special functions.
7. Ensure communication security and can encrypt communication data to ensure device and vehicle safety.

V600-BM Parameters

Shell	The shell is made of Polyamide. Size:108 x 52 x 27 mm
Power Supply	7-32 V
Current Consumption	About 300 mA when the power is 12V
CPU	580MHz MIPS,32MB FLASH,128MByte RAM,built-in 32G TF card(optional)
Operating System	Linux
WiFi	150Mbps Wi-Fi 1T1R 802.11bgn
Bluetooth	BLE supports Bluetooth5.0/5.1
Interface	USB 2.0 Ethernet 10/100Mbps

Indicator	DoIP indicator WIFI/BT indicator ETH indicator SYSTEM indicator
Buzzer	Sound Pressure Level: MIN.80 dB
Temperature	Working: -20 ... +55°C, Storage: -20 ... +85°C
Protection Rating	Dust prevention and water resistance conform to IP52
Conform to Electromagnetic Compatibility	Noise emissions: EN 55011,EN 55022 Anti-interference: EN 61000-6-2, EN 61000-6-4

V600-BM is Compatible with the Following Diagnostic Software

BMW ISTA-D	Tool32
BMW ISTA-P	BMW Coding (not tested yet)
BMW Group ISPI (not tested yet)	INPA (not tested yet)
E-SYS	

Other versions are being tested, please wait for the update...

Status LEDs

LEDs	Operating state		Non-operating state
	Normal	Abnormal	
DoIP	The green light flashes	The red light is on	The lights don't work
WIFI/BT	The green and blue lights flash alternately	The red light is on	The lights don't work
ETH	The green light flashes	The red light is on	The lights don't work
SYSTEM	The green and blue lights flash alternately	The red light is on	The lights don't work

Function KEYS

KEYs	Function description
F1	Press it for more than 3s to reset factory setting
F2	Press it to restart system

Buzzer

Note: it will sound when V600-BM starts or if there is any abnormal operation.