

	Product	IM608 Pro II/ IM608S II/ IM608 II	IM608PRO/ IM600/ IM608	IM508S	IM508	IMI	KM100
	Hardware	1. Tablet, Programmer, VCI	1. Tablet, Programmer, VCI	1. Tablet, Programmer, VCI	1. Tablet, Programmer, VCI	1. Tablet, Programmer, VCI	1. vertical screen
		2. VCI Bluetooth connection	2. VCI Bluetooth connection	2. VCI cable connection	2. VCI cable connection	2. VCI Bluetooth connection	2. VCI Bluetooth connection
	Usability						3. Unable to connect Programmer
		1. Support Auto VIN	1. Support Auto VIN	1. Support Auto VIN	1. Support Auto VIN	1. Support Auto VIN	1. Support Auto VIN
		2. Support Guided function	2. Support Guided function	2. Support Guided function	2. Support Guided function	2. Support Guided function	2. Support Guided function
	Immobilizer software	3. Support Immo scan	3. Support Immo scan	3. Support Immo scan	3. Support Immo scan	3. Support Immo scan	3. Support Immo scan
		comprehensive immo software	comprehensive immo software	comprehensive immo software	comprehensive immo software	1. comprehensive immo software	Most immo key programming function
Diagnostic software					2. some advanced feature need to pay	except remove and replace anti-theft parts	
	1. Medium diagnostic function	1. Medium diagnostic function	Basic diagnostic function	Basic diagnostic function	Basic diagnostic function	No	
2. BMW Benz immobilizer system programming	2. BMW Benz immobilizer system programming						
Remote Expert	Yes (coming soon)	No	No	No	Yes	No	
Hardware	Processor	Qualcomm SDM660 Octa-core Processor:	Samsung Exynos T5260 6-Core Processor:	Rockchip RK3566 Quad core Processor:	Rockchip RK3188 Quad core Processor:	Rockchip PX30 Quad-core Processor:	PX30 4x ARM Cortex-A35
		4x 2.2 GHz (A73)	4x 1.3 GHz (A7)	4x 1.8GHz (A55)	4x 1.6GHz (A9)	4x 1.5GHz (A35)	1.5GHz 64bits
		4x 1.8 GHz (A53)	2x 1.7 GHz (A15)				
	Operating system	Android 10.0	Android™ 4.4.2, KitKat	Android 11	Android 4.4.4	Android 9	Android 9.0
	RAM	4 GB	2 GB	4 GB	1 GB	2 GB	2G RAM
	ROM	128 GB	64 GB	64 GB	32 GB (2021+ 64GB)	64 GB	64G Flash
	Display/Resolution	10.1 inches	10.1 inches	7 inches	7 inches	7 inches	5.5'
	Resolution	1920*1200	1920*1200	1024*600	1024*600	800*1200	1280×700
	Wi-Fi	Wi-Fi (802.11 a/b/g/n/ac)	Wi-Fi (802.11 a/b/g/n/ac)	Wi-Fi (802.11a/b/g/n/ac)	Wi-Fi (802.11 b/g/n)	Wi-Fi (802.11 b/g/n)	Yes
	BT	BT V5.0 + BR/EDR	BT V2.1 + EDR	No	No	BT V5.0 + EDR	Yes
	USB	USB 2.0: (2 USB HOST Type A, 1 USB mini device)	USB 2.0: (2 USB HOST Type A, 1 USB mini device)	USB 2.0: (1 USB HOST Type A, 1 USB mini device)	USB 2.0: (1 USB HOST Type A, 1 USB mini device)	USB 2.0: (1 USB HOST Type C, 1 USB OTG Type C)	/
	HDMI	HDMI 2.0	HDMI 1.4a	No	No	No	/
	SD Card	SD Card (Support up to 64GB)	SD Card (Support up to 32GB)	SD Card (Support up to 64GB)	SD Card (Support up to 32GB)	SD Card(Support up to 64GB)	/
	DB16 DLC	No	No	DB16 DLC	No	No	/
	Headphone plug	Yes	Yes	No	No	No	/
	microphone	1MIC	1MIC	No	No	Yes	/
	Speaker	2	2	No	No	1	/
	GPS	Yes	No	No	No	No	/
	Light-sensitive	Yes	Yes	No	No	Yes	/
	Button	1 power button	1 power button	1 power button	1 power button	1 power button	/
	Battery	3.8V 15000 mAh	3.8V 15000 mAh	3.7V 5000 mAh	3.7V 5000 mAh	5800mAh	4950mAh
	Camera	Rear: 16 Megapixel, AF with Flashlight	Rear: 8.0 Megapixel, AF with Flashlight	No	No	Rear: 800W	/
VCI or Not	JVCI+	JVCI	standalone	standalone	V1		
Programmer	XP400PRO	XP400PRO	XP200	XP200	XP1	V200	
VCI Connection	BT/USB	BT/USB	standalone	standalone	BT/USB	BT	
Weight	1.58 kg	1.48 kg	0.78 kg	0.78 kg	0.46 kg	/	

Table 2: Function Comparison

Product	IM608 Pro II/ IM608S II/ IM608 II	IM608PRO/ IM600/ IM608	IM508S	IM508	IM1	KM100		
Programmer function	EEPROM read and write	Advantage: More coverage than competitors	Advantage: More coverage than competitors	Advantage: More coverage than competitors	Advantage: More coverage than competitors	No		
		Disadvantage: The board has no IO port pin detection function	Disadvantage: The board has no IO port pin detection function	Disadvantage: The board has no IO port pin detection function				
with XP401 Pro/XP400 Pro	MCU read and write	Advantage: More coverage than competitors	Advantage: More coverage than competitors	Advantage: More coverage than competitors	Less mcu coverage	Less mcu coverage	No	
Engine computer read and write	Engine computer read and write	More coverage than competitors.	More coverage than competitors.	More coverage than competitors.	Less ECU coverage	No	No	
		Support CAN TC1762\TC1766\TC1793\TC1797 R/W without pass	Disadvantage: small coverage of	Support CAN TC1762\TC1766\TC1793				
			CAN protocol read and write	\TC1797 R/W without pass				
Immobilizer module read and write	Immobilizer module read and write	Advantage: More coverage than competitors	Advantage: More coverage than competitors	Advantage: More coverage than competitors	Less IMMO coverage	Less IMMO coverage	No	
		Disadvantages: No solder-free board, no IO port pin	Disadvantages: No solder-free board, no IO port pin	Disadvantages: No solder-free board, no IO port pin				
	Odometer/airbag module read and write	Advantage: More coverage than competitors	Advantage: More coverage than competitors	Advantage: More coverage than competitors	Less coverage	No	No	
	key identification generation	Advantage: There are more types of key identification; Disadvantages: Some key identification information	Advantage: There are more types of key identification; Disadvantages: Some key identification information	Advantage: There are more types of key identification; Disadvantages: Some key identification information	Less coverage	Less coverage	Yes	
	Write key via dump	Yes	Yes	Yes	Less coverage	No	No	
	Renew/Unlock remote	Yes	Yes	Yes	Need XP400 Pro	Need XP1 Pro	Yes	
	Frequency detection	Yes	Yes	Yes	Need XP400 Pro	Need XP1 Pro	Yes	
key tool function	Generete universal key	Yes	Yes, need XP200/XP201/XP400/	Yes	Yes	Yes	Yes	
		Need XP200/XP201/XP400/XP401/XP40	XP401/XP400PRO/XP401PRO					
	APB112 chip simulation		Need APB112		Need APB112	Need APB112	Yes	
Ignition coil detection		Need APB112		No	No	Yes		
Diagnostic function	Auto VIN	Yes	Yes	Yes	Yes	Yes	NO	
	Read/clear DTCs	Yes	Yes	Yes	Yes	Yes		
	Read datastream	Yes	Yes	Yes	Yes	Yes		
	read freeze frame	Yes	Yes	Yes	Yes	Yes		
	Read ECU information	Yes	Yes	Yes	Yes	Yes		
	Active Test	Yes	Yes	No (coming soon)	Yes	No		
	Service function	Yes (36)	Yes (36)	Yes (36)	Yes (36)	Yes (36)		
	Special functions	All system	All system	No (coming soon)	All system	No		
	Online coding	Yes, does support Benz, Audi (only CN&HK), Skoda (only	Yes, does not support Benz, Audi (only CN&HK), Skoda	No	No	No		
	Offline coding	Yes	Yes	No	No	No		
	Hidden function flashing	Yes, except Mercedes	Yes, except Mercedes	No	No	No		
	Guided function	Yes, excpet BMW, Benz, Land rover	Yes, excpet BMW, Benz, Land rover	No	No	No		
	Online programming	Yes, part of BMW and Benz (not all function)	Yes, IM608Pro will do part of BMW and Benz online	No	No	No		
	Cloud service	report management	report management	report management	report management	report management		Remote expert C side (Only CN)
						SCAN VIN		
	Other functions	SCAN License	D-PDU	CANFD (Need converter)	CANFD (Need converter)	SCAN License		
Remote Desk		RP1210			Remote Desk			
D-PDU		DoIP (Need converter)			DoIP			
RP1210		CANFD (Need converter)			CANFD			
DoIP								
CANFD								

	Product	IM608 Pro II/ IM608S II/ IM608 II	IM608PRO/ IM600/ IM608	IM508S	IM508	IM1	KM100	
Remote Expert	Usability	since July 2022						
		Advantage:						
		Immo and Diagnostic 2-in-1 in the same tablet, easy to use. Auto obtain and decode VIN						
		Order status and step prompts are clear. Synchronization of orders and connection steps;	/	/	/	the version is too low. Most of the functions have not been upgraded	/	
		Operational capability support: including activities, coupons, merchant order flow control, etc.						
		Disadvantage: The expert side needs to be upgraded through PC Suit						
	Car brands	Advantage:						
		Supports 140+ brands, except Tesla	/	/	/	Supports few car series, only supports Mercedes-Benz, BMW, Chrysler, GM cars, BMW does not support DoIP protocol	/	
		Decode VIN, Auto VIN, smart identify vehicle info.						
	Latency and Stability	Intelligent identify protocol type (CAN, CANFD, DoIP), automatic identify DoIP communication.						
Better latency		/	/	/	Only supports transfer server mode	/		
	B/C mode: transfer server+ P2P direct connection							
Extension	endoscope	Yes (optional)	Yes (optional)	Yes (optional MV105/108)	Yes (optional MV105/108)	NO	/	