



IQ8-S2

Complete Product Specification

Professional 8-inch Diagnostic Tablet for Passenger Vehicles



IQ8-S2 is a professional new-generation diagnostic tablet designed for workshops that require fast operation, complete system diagnostics, bi-directional control, coding, and advanced service functions in a compact 8-inch format. The device combines a modern hardware platform, Bluetooth VCI communication, support for CAN-FD and DoIP protocols, and an intuitive user interface for efficient day-to-day diagnostic work.

Key Capabilities

- Full system diagnostics for passenger vehicles
- Automatic vehicle scan and Auto VIN identification
- Read and clear fault codes
- Live data stream display and analysis
- Actuation tests / active tests
- ECU information reading
- Bi-directional control
- Advanced coding where supported
- Special service functions
- Key programming functions in standard equipment
- Automatic diagnostic report generation
- Support for CAN-FD and DoIP
- Support for Secure Gateway functions (FCA and Renault)
- Bluetooth VCI communication
- 3 years of free software updates



Technical Specifications

Operating System	TCOS
Display	8-inch touchscreen
Screen Resolution	1280 x 800
Processor	MTK8365 Cortex-A53, Quad-Core, 2.0 GHz
Memory (RAM)	4 GB
Storage	64 GB
Battery	4150 mAh / 3.8 V
VCI Communication	Bluetooth
VCI Operating Voltage	9-18 V
Supported Protocols	CAN-FD, DoIP, SAE J1850 PWM, SAE J1850 VPW, ISO 9141-2, ISO 14230-4 KWP, ISO 15765-4
Vehicle Coverage	Passenger vehicles
Software Updates	3 years free updates
SGW Support	FCA and Renault
Key Programming	Included in standard equipment
Certificates	FCC, CE, RoHS, IC, CP65

Diagnostic Functions

- Complete system scan of all available control units
- Automatic vehicle identification (Auto VIN)
- Manual vehicle selection by make, model, and year
- Reading and clearing diagnostic trouble codes (DTCs)
- Viewing live data streams
- Actuator tests / active tests
- ECU information reading
- Automatic diagnostic report generation
- Bi-directional control for supported vehicle systems
- Advanced coding for supported models and systems
- Key programming functions included in standard equipment



Supported Diagnostic Protocols

CAN-FD	DoIP	SAE J1850 PWM	SAE J1850 VPW
ISO 9141-2	ISO 14230-4 KWP	ISO 15765-4 CAN	

Special Service Functions

1. Oil Reset	17. Seats Calibration
2. Brake Reset / EPB	18. Stop/Start Reset
3. SAS Reset	19. Sunroof Reset
4. DPF Regeneration	20. Suspension Reset
5. TPMS Reset	21. Transport Mode
6. Battery Matching / BMS	22. Tyre Reset
7. Injector Coding	23. Windows Calibration
8. Throttle Relearn	24. Clutch Matching
9. ABS Bleeding	25. ECU Reset
10. Gearbox Learn	26. FRM Matching
11. Airbag Reset	27. Gateway Module Data Calibration
12. Coolant Bleed	28. Rain / Light Sensor Reset
13. EGR Adaptation	29. Turbocharging Matching
14. Language Change	30. ODO Check
15. NOx Sensor Reset	31. A/F Reset
16. ODO Meter	

Key Programming Functions (Standard Equipment)

IQ8-S2 includes key programming functions as part of the standard equipment. These functions are available as a dedicated feature set and are not listed as a service reset function.

- Vehicle Remote
- Read Transponder
- Generate Transponder
- Frequency Detection
- Ignition Switch Coil Signal Detection
- Set Type of Super Chip
- Set Type of Wireless Remote
- Remote Function
- Unlock Toyota Smartkey
- Search
- Update



Optional Accessories and Expansion Modules

- TPMS programmer
- Video scope / inspection camera
- Oscilloscope module
- USB printer
- Bluetooth battery tester

Secure Gateway Support

IQ8-S2 supports Secure Gateway access for FCA and Renault, subject to software activation, regional availability, and account or license requirements where applicable

