

**LAUNCH**  
EUROPE GMBH



# DIAGNOSTIC SOLUTIONS

2024 / 1




# Fast, Efficient, Reliable Your Professional Workshop Supplier

## Our Advantages

  
Modern Technologies

  
Price-Performance Ratio

  
Competent Support



**1992**

**Headquarter  
LAUNCH Tech Co. Ltd.**

Worldwide sales network and branches. LAUNCH currently maintains offices in Europe, Asia, North America, Central and South America and the Middle East.



**2003**

**LAUNCH Europe GmbH**

LAUNCH is a world leader in the development and distribution of innovative diagnostic services. Our X-431 product family sets new standards in the automotive diagnostic market, due to its outstanding price-performance ratio. In addition to sales support and customer-oriented services, extensive development is carried out in our German facility.



**2004**

**LAUNCH Machinery Co. Ltd.**

One of the largest lift factories in the world. Over 500,000 lifts installed worldwide.



**Distribution Offices  
in Europe**

Germany, United Kingdom, France, Italy, Romania, Balkans



**Competences**

Diagnostic Solutions, Testing Tools, Service Stations, Lifts and more



**Distribution Partner**

Over 50 partners in Germany  
Over 120 partners in Europe



**Head Office in Germany**

Over 50 employees responsible for sales, product management, marketing & service



# X-431 Series

## Diagnostic Tools for Professional Workshops

With over 20 years of experience, LAUNCH is one of the leading manufacturers in professional vehicle diagnostics with the X-431 being our flagship series. Our smart X-431 Series workshop tablets have a wide vehicle coverage paired with high test depth. The X-431 app offers you weekly updates and guarantees a constantly growing diagnostic scope.



### Intuitive Operation

The clear menu structure of our diagnostic app guides every user quickly to their destination. All steps are conveniently completed through a touch screen with one-finger operation. A modern Android operating system ensures a smooth program flow.



### Automatic Vehicle Recognition

With intelligent diagnostics, you can identify vehicles without having to select a manufacturer beforehand. With our specially developed VIN decoding process, our diagnostic app recognises the vehicle manufacturer or model automatically. A manual type selection is no longer necessary.



### Recording and Playback of the Parameters

Our integrated recording function helps with sporadic errors that only occur under certain driving conditions. All marked parameters of a control unit can be stored over a longer period with a single click. Due to the integrated playback function it can be used for immediate evaluation.



### Freeze Frame

Check the parameters and time after a stored error occurs. Most manufacturers currently store all information such as temperature, speed, velocity and time in the event memory of a control unit.



### Maintenance Menu of Relevant Service Functions

In our maintenance menu, a service interval can be reset with a few clicks, new batteries can be relearned or a throttle valve can be reset. This is supported by an automatic vehicle identification and simple menu navigation, which brings every user to his goal quickly.



### Wide Vehicle Coverage for Maximal Diagnostics

Whether common vehicles or luxury cars, with the X-431 Series you can handle a wide range of your customer's fleet, from VW Golf to Porsche Cayenne. Especially vehicle models from Far Eastern manufacturers such as Honda, Kia, Nissan, Toyota or even Lexus.



### ADAS Calibration

After replacing a windscreen or bodywork, the sensors of the Advanced driver assistance systems often have to be recalibrated. Adapted to our new calibration set X-431 ADAS PRO, you now have the possibility to recalibrate the lane departure warning system, Vehicle-interval radar or the rear view camera with our diagnostic software.



### Updates at Fair Prices

With your X-431 workshop tablet, you will always automatically receive an update package without any further contractual obligation. You can always purchase your updates according to your personal needs, even if you haven't updated it for some time.



### Supports During Fault Diagnostics and Service Work

Our extensive LAUNCH CarSET Database supports you in all workshop work. Whether it's guided fault diagnosis with circuit diagrams, repair data or torque values. Thanks to our permanent maintenance you are always up to date and also informed about current manufacturer recall actions.



### Intelligent Diagnosis Assistent (IDA)

The new intelligent diagnostic assistant (IDA) from LAUNCH powered by WalkMe helps you to learn diagnostic processes and functions more quickly.



### Cloud Print

The LAUNCH Cloud Print platform is an online database and offers the possibility to store and print all diagnostic reports of a registered LAUNCH X-431 diagnostic device online. With the help of the cloud print platform, it is now easily possible to provide the customer with a diagnostic report without having the diagnostic device in place. Departments that deal with invoicing or customer support benefit from this new possibility of location-independent data retrieval.



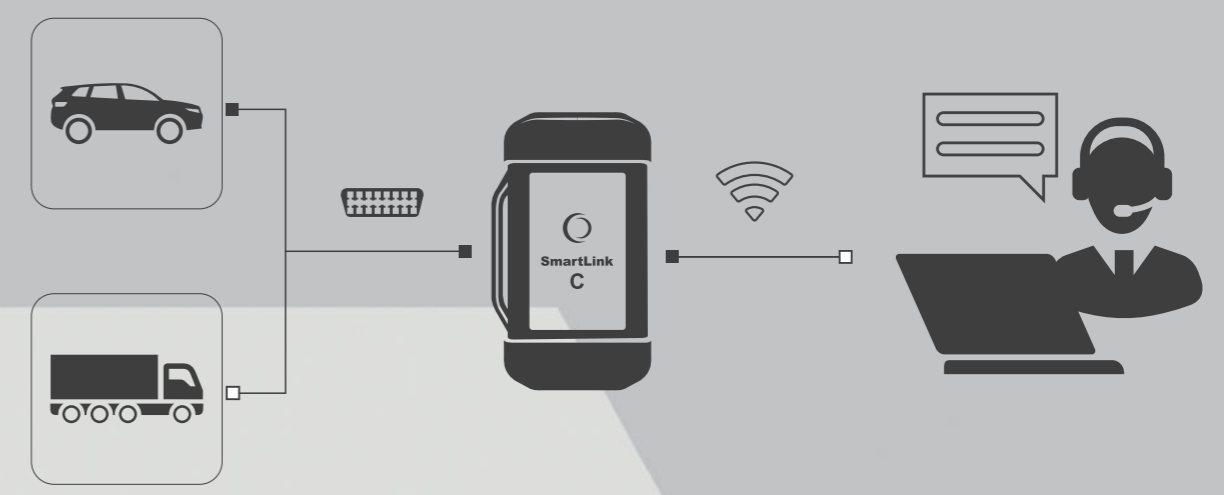
# X-431 EURO TAB III Combi Diagnostic Solution

The X-431 EURO TAB III, based on Android 9 system, is the latest addition to our X-431 Series and the newest high-end vehicle diagnostic device that has been developed by LAUNCH. It passes on all technology and diagnostic advantages from the previous X-431 EURO TAB II model, such as wide car model coverage, powerful test functions, multiple special functions, accurate test data, as well as 6 new service functions and more. It comes with Smartlink C as an equipped standard VCI, supported with LAUNCH Super Remote Diagnosis System (SRDS).

- Software Updates Included**
- Included CarSET PRO Database**
- ADAS Function**
- Supports PassThru, DoIP**
- Remote Diagnostics Solution**
- Compatible Modules:**  
Included: O2-2 ScopeBox, X-431 TSGUN,  
Optional: S2-2 SensorBox, BST360 Battery Tester,  
VSP-800 Videoscope, X-PROG3 Immobiliser
- Intelligent Diagnosis Assistant**
- Cloud Print**

## Service Functions


## Remote Diagnostic



Over time modern vehicles are being equipped with increasingly more electric systems, which make the diagnosis for independent workshops without OEM Diagnosis Software more difficult. Remote diagnostic is the solution for this problem. By using the SmartLink C device, a well-trained diagnostic technician can remotely connect to the car using the PassThru function and can then provide an OE-Level diagnosis including troubleshooting, coding and special functions.

All that is needed is a SmartLink C device connected to the internet and the vehicle. As soon as these requirements are met, the SmartLink C device will enter the "Remote Diagnostic Mode" which will connect you directly to a professional remote diagnostic technician. You can then easily request required services. If needed you can also extend the Remote Diagnostic software to heavy duty vehicles (HD) and trucks to access more powerful and additional diagnostic possibilities on OE-Level.

## Technical Data X-431 EURO TAB III

<b>Operating System</b> Android 9.0	<b>Processor</b> 2.0 GHz 8 Octa-Core	<b>Display</b> 13.3" 1.920 x 1.080 px	<b>RAM</b> 8 GB	<b>Memory</b> 256 GB	<b>Micro SD Card</b> up to 128 GB (not included)
<b>Wi-Fi</b> 2,4 GHz / 5 GHz	<b>USB</b> Type C, A	<b>Bluetooth</b>	<b>Camera</b> 8 MP Front 13 MP Rear	<b>Battery</b> 9.360 mAh 7,6 V / 71,1 Wh	<b>Dimensions</b> 353 x 236 x 71 mm

## SmartLink






# X-431 EURO LINK Combi Diagnostic Solution

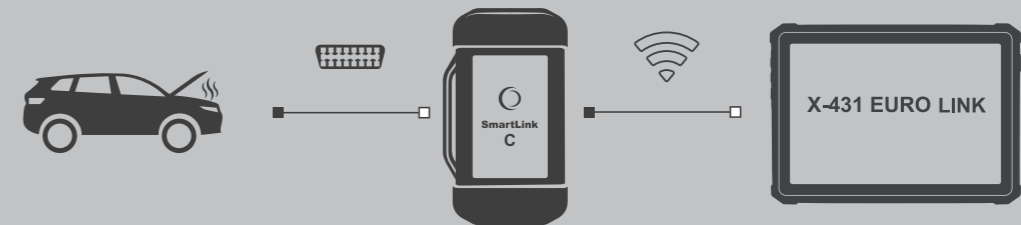
The X-431 EURO LINK, equipped with a 10.1 HD display, is the latest automotive diagnostic solution from LAUNCH and, with its powerful hardware and software specially adapted for the European market, offers a comprehensive and optimal solution for all automotive workshops. With numerous diagnostic functions, such as reading/clearing fault codes, reading parameters, actuation tests, coding, a total of 30 practical service functions and more, it covers all local diagnostic requirements.

- Software Updates Included**
- Access to Remote Diagnostic Services via SmartLink VCI**
- Includes CarSET PRO Database with Electronics and Smart**
- Intelligent Diagnosis Assistant**
- ADAS Function**
- Cloud Print**
- HV Service Functions for Electronic Vehicles**

## Service Functions

Electric Parking Brake Reset	Oil Service	Steering Angle Sensor Calibration	Battery Relearning	Brake Bleeding System	Diesel Particulate Filter	Injector Coding	Relearning Throttle Valve	Tyre Pressure Monitoring System	Crankshaft Position Sensor	Immobiliser	Adaptive Driving Light	Transmission Adaption Value Reset
Sunroof	Chassis Calibration	Exhaust Gas Recirculation	Fuel Mixture Adaption	AdBlue Reset	Coolant Venting	Nitrogen Oxid Sensor Reset	Driver's Seat Memory	A/C System Relearn	Transport Mode	Tyre Diameter Reset	Window Regulator Reset	Menu Language
Gasoline Particulate Filter	Intelligent Cruise Control System	Motor Angle Calibration	Engine Power Balance Monitoring	High Voltage Battery Diagnostics	Clutch Matching	FRM Matching	Rain Light Sensor					

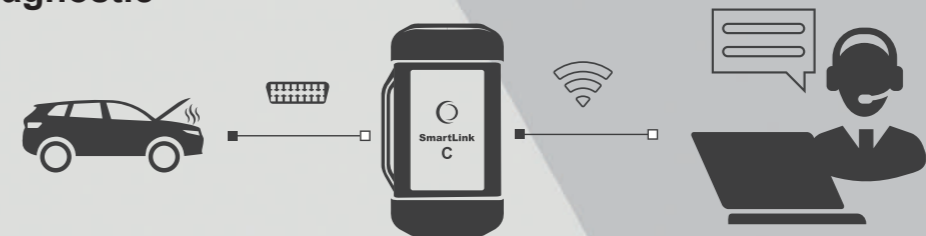
## Local Diagnostic



Defective vehicle of your customer on-site in your workshop or externally at mobile services. Connect the SmartLink device to the vehicle via OBDII port.

The SmartLink can communicate with your diagnostic device via cloud platform and easily access OBD diagnostic functions as well as the full range of the X-431 EURO LINK service functions.

## Remote Diagnostic



Over time modern vehicles are being equipped with increasingly more electric systems, which make the diagnosis for independent workshops without OEM Diagnosis Software more difficult. Remote diagnostic is the solution for this problem. By using the SmartLink C device, a well-trained diagnostic technician can remotely connect to the car using the PassThru function and can then provide an OE-Level diagnosis including troubleshooting, coding and special functions.

All that is needed is a SmartLink C device connected to the internet and the vehicle. As soon as these requirements are met, the SmartLink C device will enter the "Remote Diagnostic Mode" which will connect you directly to a professional remote diagnostic technician. You can then easily request required services. If needed you can also extend the Remote Diagnostic software to heavy duty vehicles (HD) and trucks to access more powerful and additional diagnostic possibilities on OE-Level.

## Technical Data X-431 EURO LINK

Operating System Android 10	Processor 2.0 GHz 4 Core	Display 10.1" 1.280 x 800 px	RAM 4 GB	Memory 128 GB	Wi-Fi 2,4 GHz / 5 GHz
USB	Bluetooth	Camera 5 MP Front 8 MP Rear	Battery 6.300 mAh	Dimensions 274 x 190 x 40 mm	

## SmartLink C

Supports Passenger and Commercial Vehicle	Remote Diagnosis	Local Diagnosis	PassThru J2531, D PDU, RP 1210
Compatible with DoIP			





# X-431 EURO TURBO II

## Entry Into The X-431 World

Enter the world of professional vehicle diagnostics with the brand new X-431 EURO TURBO II. As the direct successor to the renowned X-431 EURO PRO 5, it redefines the standard and offers an excellent entry into LAUNCH's proven X-431 diagnostic series. Thanks to improved software and stronger hardware, the X-431 EURO TURBO II is a true game changer. It is designed to make your everyday workshop work more efficient and productive.

- Software Updates Included
- Included CarSET Electronics Database
- ADAS Function
- Guided Diagnosis
- Cloud Print

### Service Functions

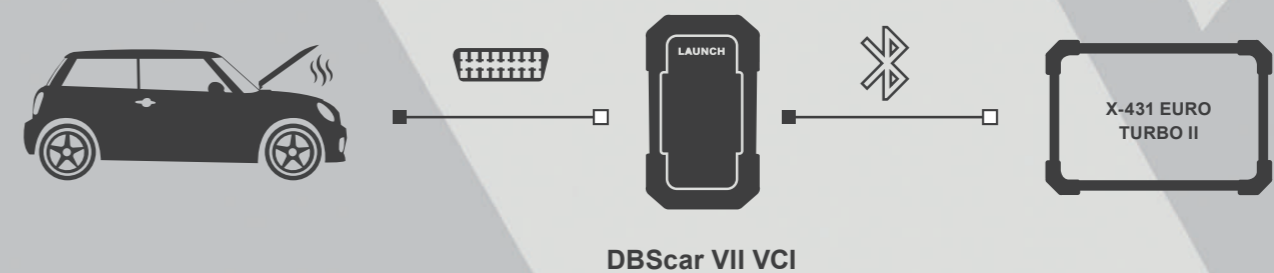
Electric Parking Brake Reset	Oil Service	Steering Angle Sensor Calibration	Battery Relearning	Brake Bleeding System	Diesel Particulate Filter	Injector Coding	Relearning Throttle Valve	Tyre Pressure Monitoring System	Crankshaft Position Sensor	Gasoline Particulate Filter	Adaptive Driving Light	Transmission Adaption Value Reset
Sunroof	Chassis Calibration	Exhaust Gas Recirculation	Fuel Mixture Adaption	AdBlue Reset	Coolant Venting	Nitrogen Oxid Sensor Reset	Driver's Seat Memory	Menu Language	Transport Mode	Tyre Diameter Reset	Intelligent Cruise Control System	A/C System Relearn
Clutch Matching	FRM Matching	Rain Light Sensor	Immobiliser	Window Regulator Reset								

### Technical Data X-431 EURO TURBO II

Operating System Android 10	Processor 2.0 GHz 4 Core	Display 10,1" 1.280 x 800 px	RAM 4 GB	Storage 128 GB	Wi-Fi 2,4 GHz / 5 GHz
USB	Bluetooth	Camera 5 MP Front 8 MP Rear	Battery 6.300 mAh	Dimensions 274 x 190 x 40 mm	

### DBScar VII VCI

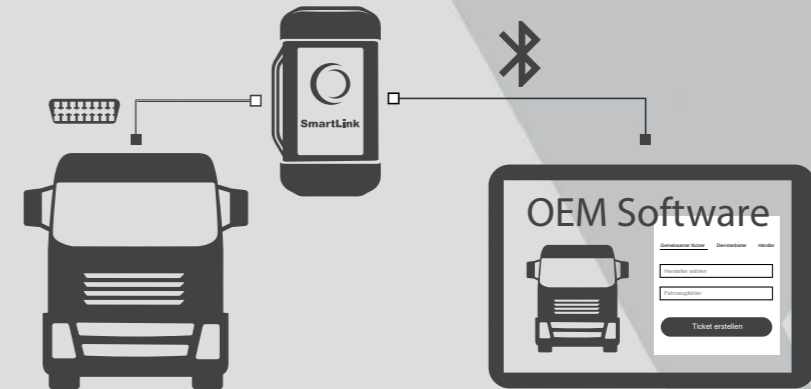
Local Diagnosis via Bluetooth	Stable Connection	Compatible with DoIP	CAN FD/CAN/FCAN
J1850 PWM KWP/L-line Chrysler CCD and more J2534			



X-431 EURO TURBO II

Softcase: 2 vehicle Connectors: BMW-20, BENZ-38, DBScar VII VCI, DoIP adapter cable, VCI connection cable, power adapter, USB cable type A/C

CarSET Electronics



# X-431 EURO LINK HD

## Professional Truck Diagnostic

The new LAUNCH X-431 EURO LINK HD is the latest diagnostic solution for vans, trucks and buses (12V+24V). The X-431 EURO LINK HD consists of the X-431 EURO LINK diagnostic unit and the new X-431 SmartLink HD BOX with Bluetooth and comprehensive software for over 20 different truck manufacturers. The truck diagnostic device impresses with a 10.1" display, a powerful 2.0 GHz 4 core processor, memory capacities of 4 GB RAM + 64 GB ROM, as well as a long-life battery and is based on an Android 10.0 system. Full diagnostic power for more speed, stability and durability in truck diagnostics. The X-431 EURO LINK HD supports comprehensive system diagnostics such as reading and clearing fault codes (DTCs), reading data streams, special functions and activation tests. It also features DoIP and Pass-Thru, as well as the possibility of LAUNCH SRDs remote diagnostics via a stable internet connection.

- Software Updates Included**
- Vehicle Coverage with Over 20 Models**
- Trucks, Buses and Commercial Vehicles**
- High Inspection Depth**
- Remote Diagnosis**
- Integrated Database TruckSET Business and Ultimate**

### Service Functions

- Gas Particular Filter Regeneration
- Parameter Settings
- Cylinder Deactivation Compression
- Service Reset
- Injector Coding
- Speed Limit Adjustment
- Idle Speed Adjustment
- Fan Calibration
- Remote Throttle
- Urea Drive DEF
- Deep Clearing of DTCs
- Nox Sensor

### Technical Data X-431 EURO LINK HD

<b>Operation System</b> Android 10	<b>Processor</b> 2.0 GHz 4 Core	<b>Display</b> 10,1" 1.280 x 800 px	<b>RAM</b> 4 GB	<b>Memory</b> 64 GB	<b>Wi-Fi</b> 2,4 GHz / 5 GHz
<b>USB</b>	<b>Bluetooth</b>	<b>Camera</b> Front: 5 MP Rear: 8 MP	<b>Battery</b> 6.300 mAh	<b>Dimensions</b> 274 x 190 x 40 mm	

### SmartLink C

<b>Supports Passenger and Commercial Vehicle</b>	<b>Remote Diagnosis</b>	<b>Local Diagnosis</b>	<b>PassThru J2531, D PDU, RP 1210</b>
<b>Compatible with DoIP</b>			

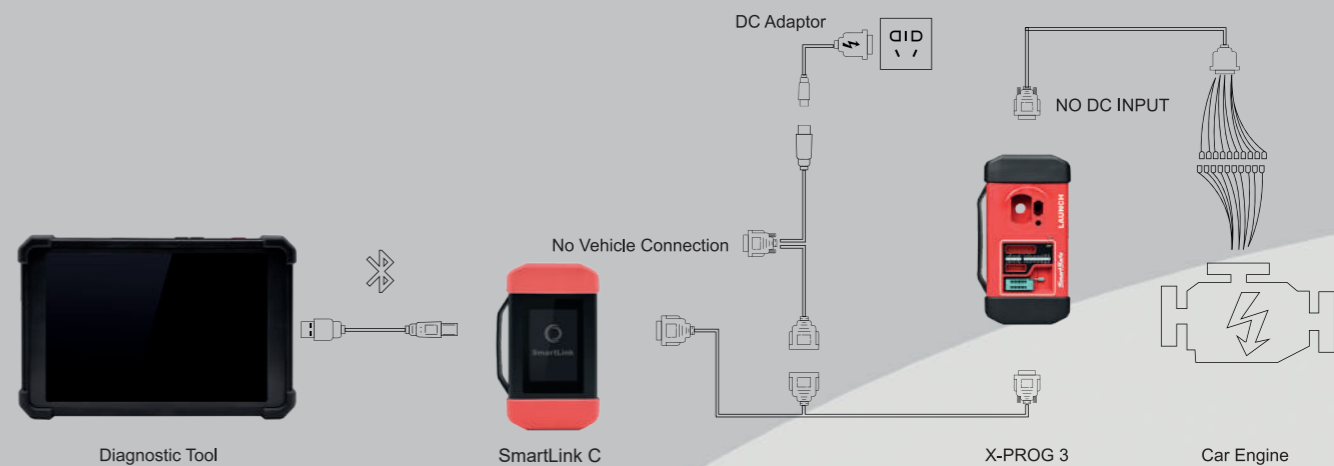
X-431 EURO LINK HD

**Adapter Box:** Softcase, X-431 EURO LINK HD, SmartLink C, DoIP Adapter Cable, VCI Connection Cable, Power Adapter, HD Pack: CAT-9 PIN, VOLVO-8 PIN, OBD-16, OBD-9, JUMPER-10, OBD-6, IVECO-30 PIN, IVECO-38 PIN, MAN-12 PIN, BENZ-14 PIN, MITSUBISHI-12+16 / Fuso 12+16 PIN, MAN-37 PIN, RENAULT-12 PIN

TruckSET Business and Ultimate



### Anti-Theft Matching Engine / Gearbox



### Remote Diagnostic



# X-431 IMMO PAD

## Vehicle Key Programming

The X-431 IMMO PAD, based on Android 7.1 system, is a new 10 inch vehicle key programming device developed by LAUNCH. It is equipped with a powerful hardware as well as anti-theft solutions for locksmiths and car repair shops. The X-431 IMMO PAD supports vehicle key, engine / gearbox programming and offers powerful reprogramming of multiple parts. In addition, it passes on LAUNCH's advantages in diagnostic technology, such as wide car model coverage, powerful diagnostic function, many special functions and accurate test data.

- Software Updates Included**
- Anti-Theft Password Reading and Replacement**
- Remote Control Matching**
- Anti-Theft Type Identification**
- Key Chip Read & Write**
- Remote (optional license) and Local Diagnosis**

### Service Functions

Electric Parking Brake Reset	Oil Service	Steering Angle Sensor Calibration	Battery Relearning	Brake Bleeding System	Diesel Particulate Filter	Injector Coding	Relearning Throttle Valve	Tyre Pressure Monitoring System	Crankshaft Position Sensor	Immo PROG	Adaptive Driving Light	Transmission Adaption Value Reset
Sunroof	Chassis Calibration	Exhaust Gas Recirculation	Fuel Mixture Adaption	AdBlue Reset	Coolant Venting	Nitrogen Oxid Sensor Reset	Driver's Seat Memory	Start-Stop Reset	Transport Mode	Tyre Diameter Reset	Window Regulator Reset	Menu Language
Gasoline Particulate Filter	Intelligent Cruise Control System	A/C System Relearn	Motor Angle Calibration	Engine Power Balance Monitoring	High Voltage Battery Diagnostics	Immobiliser	Turbo Matching	Clutch Matching	FRM Matching	Rain Light Sensor	Gateway Module Data Calibration	ECU Reset

### Technical Data X-431 IMMO PAD

Operation System Android 7.1	Processor 2,0 GHz 8 Core	Display 10" FullHD IPS 1.920 x 1200 px	RAM 4 GB	Memory 64 GB	Wi-Fi 2,4 GHz / 5 GHz
USB	Bluetooth	Camera Front: 8 MP Rear: 13 MP	Battery 9.360 mAh	Dimensions 320 x 211 x 46 mm	

### SmartLink C

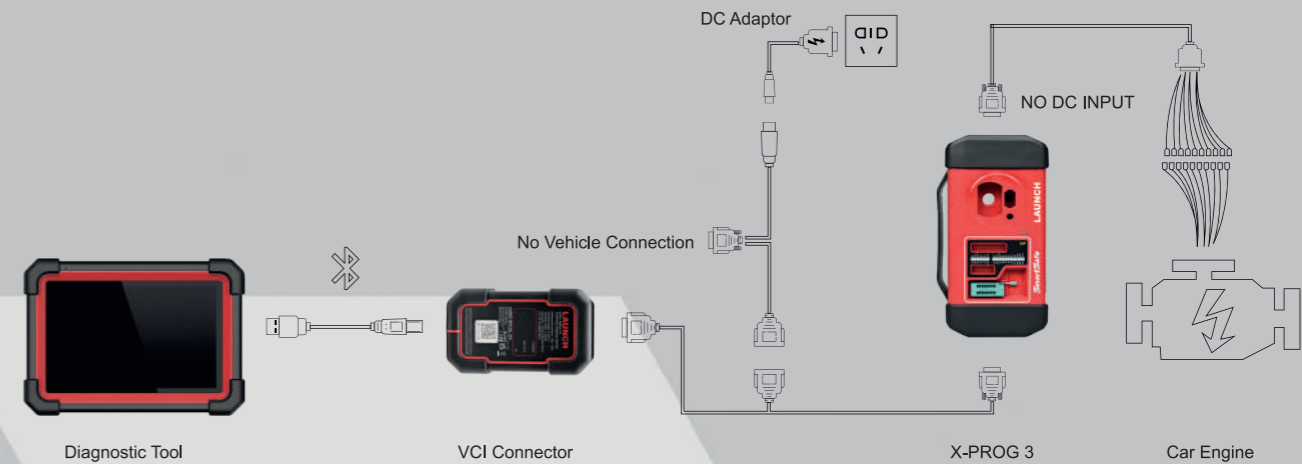
Display 3,97" Single Touch Screen	Working Voltage DC 9 - 36 V	Memory 8 GB	Working Temperature -10° C - 50° C
Wi-Fi 5 GMHz Ethernet	USB Type B 2.0	Bluetooth	Dimensions 204 x 110 x 45 mm







## Anti-Theft Matching Engine / Gearbox



### Supports

- ECU replacement of 4<sup>th</sup> generation **VW / AUDI** engines
- ECU replacement of 5<sup>th</sup> generation **VW / AUDI, Bosch and Siemens** engines.
- **AUDI** 4th generation EZS, comfortable central control system and KESSY chip all lost data and replacement.
- **BMW F** and **BMW G** chassis 8HP gearbox ECU program wiping
- **BMW CAS4 / CAS4+** module replacement
- ECU cloning and replacement for BMW Siemens engines
- Erase the password for **Mercedes-Benz** engine and gearbox within 3s
- And more

# X-431 IMMO PRO Vehicle Key Programming

X-431 IMMO PRO, based on Android 10 system, is a new 8 inch vehicle key programming device developed by LAUNCH. It provides powerful anti-theft solution to locksmiths and car repair shops. It supports vehicle key, engine and gear box programming, featuring powerful multiple parts reprogramming and wide range of vehicle coverage. Compared to the LAUNCH IMMO PAD, it offers only a superficial diagnostic function like read out & delete fault codes and read out parameters. It passes on LAUNCH's advantages in diagnostic technology, such as wide vehicle model coverage and accurate test data. The user-friendly interface increases efficiency of daily work. The X-431 IMMO PRO is the perfect combination of a powerful key programmer and a high-end automotive diagnostic device.



Software Updates Included



Key and Immobiliser Programming



Wide Vehicle Coverage 110+

### Technical Data X-431 IMMO PRO

Operation System Android 9.0	Processor 2.0 GHz 4 Core	Display 8" FullHD IPS 1.280 x 800 px	RAM 4 GB	Memory 64 GB	Wi-Fi 2,4 GHz / 5 GHz
USB	Bluetooth	Camera Rear: 8 MP	Battery 6.300 mAh	Dimensions 234 x 166 x 39 mm	

### X-PROG 3

Interface DB26, DB15	Anti-Theft Type Identification	Remote Control Matching	Key Chip Read & Write
Anti-Theft Password Reading	Anti-Theft Component Replacement	Input Voltage DC 12 V	Dimensions mm 39 x 107 x 298

### Service Functions

Electric Parking Brake Reset	Oil Service	Steering Angle Sensor Calibration	Battery Relearning	Brake Bleeding System	Diesel Particulate Filter	Injector Coding	Relearning Throttle Valve	Tyre Pressure Monitoring System	Crankshaft Position Sensor	Immo PROG	Adaptive Driving Light	Transmission Adaption Value Reset
Sunroof	Chassis Calibration	Exhaust Gas Recirculation	Fuel Mixture Adaption	AdBlue Reset	Coolant Venting	Nitrogen Oxid Sensor Reset	Driver's Seat Memory	Start-Stop Reset	Transport Mode	Tyre Diameter Reset	Window Regulator Reset	Menu Language
Gasoline Particulate Filter	Intelligent Cruise Control System	A/C System Relearn	Motor Angle Calibration	Engine Power Balance Monitoring	High Voltage Battery Diagnostics	Immobiliser	Turbo Matching	Clutch Matching	FRM Matching	Rain Light Sensor	Gateway Module Data Calibration	ECU Reset



# Security Gateway

With the EU Regulation 2018/858 coming into effect, more and more vehicle manufacturers have started to protect access to the vehicle electronics via the OBD interface using so-called security gateway modules. This affects the previously unrestricted communication between the vehicle diagnostic device and the respective vehicle. LAUNCH Europe GmbH currently offers SGW activation for FIAT Chrysler Automobiles (available with Maserati), Mercedes and Renault / Dacia models to enable activation and thus full access to all diagnostic functions again.



## Advantages Security Gateway



**Unrestricted Diagnosis**  
With a LAUNCH SGW activation card, it is possible to regain full access to the vehicle's control units and on-board electronics.



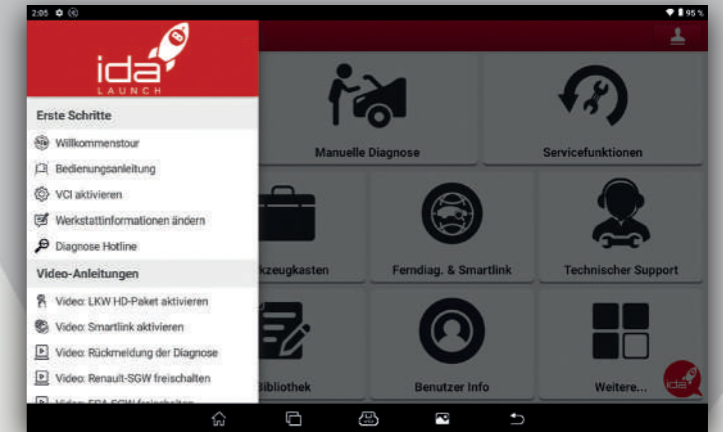
**Special Functions Available**  
With the purchase and registration of a Security Gateway licence for a LAUNCH X-431 diagnostic device, you will still have access to special functions such as coding and programming.



**Quick and Easy Access**  
You can order your SGW activation quickly, easily and conveniently via our sales partners. We currently offer SGW activation for FIAT Chrysler Automobiles and Renault / Dacia models.

# Intelligent Diagnostic Assistant IDA

LAUNCH Europe has now implemented the new Intelligent Diagnostic Assistant IDA on the latest X-431 diagnostic devices. IDA is a program that will explain and guide you through your LAUNCH X-431 diagnostic tool. It will show you the high diagnostic performance of the tool and how to use it.



## IDA Advantages



**Diagnostic Onboarding / Training**  
With tutorials, training courses, technical information and a basic diagnostic function support, IDA is programmed to introduce the functionality of LAUNCH X-431 devices. IDA offers a guided tour through the system and shows an overview of the main settings and functions.



**Diagnostic Support / Technical Solutions**  
Step by step video content of the main features and service functions will be implemented into the system. In future LAUNCH Europe will develop the diagnostic assistant IDA to offer a reliable and professional solution for various diagnostic problems.



**News / Software Updates and Feedback**  
Updates, news and other informations will also be announced by the system.



FIAT CHRYSLER AUTOMOBILES



RENAULT

Mercedes

Within the framework of a cooperation agreement with the FCA Group, Renault / Dacia, Mercedes and Maserati LAUNCH Europe GmbH enables the SGW activation of all vehicle models equipped with the Security Gateway technology. In this way, unrestricted vehicle communication between the vehicle diagnostic device and the vehicle can be realised again and all diagnostic functions can be fully used.

### Vision

LAUNCH Europe will continuously develop and improve the performance of IDA. Step by step we will implement various informations and training modules into our system to support all technicians.





# Cread@r PROFESSIONAL MOT IV

## Semi-Professional Diagnostic

The CRP MOT IV is a further development of the MOT III especially for Europe. With its new hardware and diagnostic functions, it is the ideal entry-level unit for diagnostic work or as a second device in the workshop. New diagnostic options of the CRP MOT IV such as 31 powerful service functions, actuator test and much more. Includes the new DBScar VII VCI with more protocols and a more stable connection.

### Features

- Software Updates Included
- Battery Tester, TSGUN and Videoscope
- Wide Vehicle Model Coverage

### Service Functions

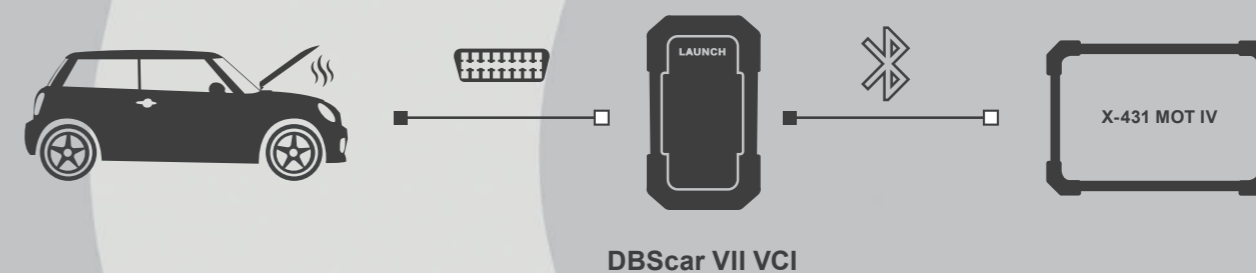
Electric Parking Brake Reset	Oil Service	Steering Angle Sensor Calibration	Battery Relearning	Brake Bleeding System	Diesel Particulate Filter	Injector Coding	Relearning Throttle Valve	Tyre Pressure Monitoring System	Crankshaft Position Sensor	Gasoline Particulate Filter	Adaptive Driving Light	Transmission Adaption Value Reset
Sunroof	Chassis Calibration	Exhaust Gas Recirculation	Fuel Mixture Adaption	AdBlue Reset	Coolant Venting	Nitrogen Oxid Sensor Reset	Driver's Seat Memory	Start-Stop Reset	Transport Mode	Tyre Diameter Reset	Window Regulator Reset	Menu Language
Intelligent Cruise Control System	A/C System Relearn	Engine Power Balance Monitoring	Immobiliser	Rain Light Sensor								

### Technical Data CRP MOT IV

Operating System Android 10	Processor 2.0 GHz 4 Core	Display 8" 1.280 x 800 px Gorilla Glass	RAM 4 GB	Memory 64 GB	Wi-Fi 2,4 GHz / 5 GHz
USB	Bluetooth	Camera 5 MP Front 8 MP Rear	Battery 6.300 mAh	Dimensions 274 x 190 x 40 mm	

### DBScar VII VCI

Local Diagnosis via Bluetooth	Stable Connection	Compatible with DoIP	CAN FD/CN/SCAN/FCAN
J1850 PWM KWPL/L-line Chrysler CCD and more J2534			



CRP MOT IV







Softcase: 2 vehicle Connectors: BMW-20, BENZ-38, DBScar VII VCI, DoIP adapter cable, VCI connection cable, power adapter, USB cable type A/C










# Creader PROFESSIONAL 129 EVO+ Semi-Professional Diagnostic

The CRP 129 EVO+ is an intelligent and networkable diagnostic tool based on Android. It has the full OBD functions that best meets the entry-level market demand for passenger cars, as well as the basic diagnostic functions of the four basic systems: engine, automatic transmission, ABS and SRS. Besides, the CRP 129 EVO+ also has the most commonly used service reset functions, such as Battery Matching, Brake Reset, Oil Reset, DPF Reset, Injector Calibration, Reset TPMS, SAS Reset, ETS Reset, Reset Adblue, Reset Gearbox, Reset Airfuel, ABS Bleed, and Odometer Reset. Compared with the previous CRP, it has better hardware and more service functions.










## Features

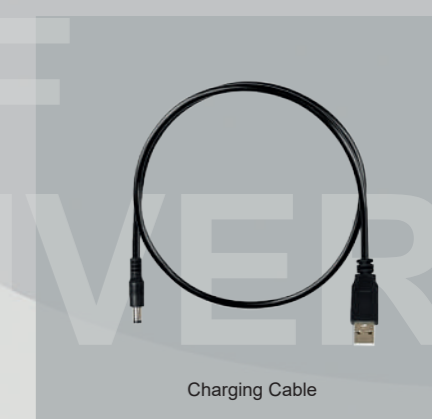
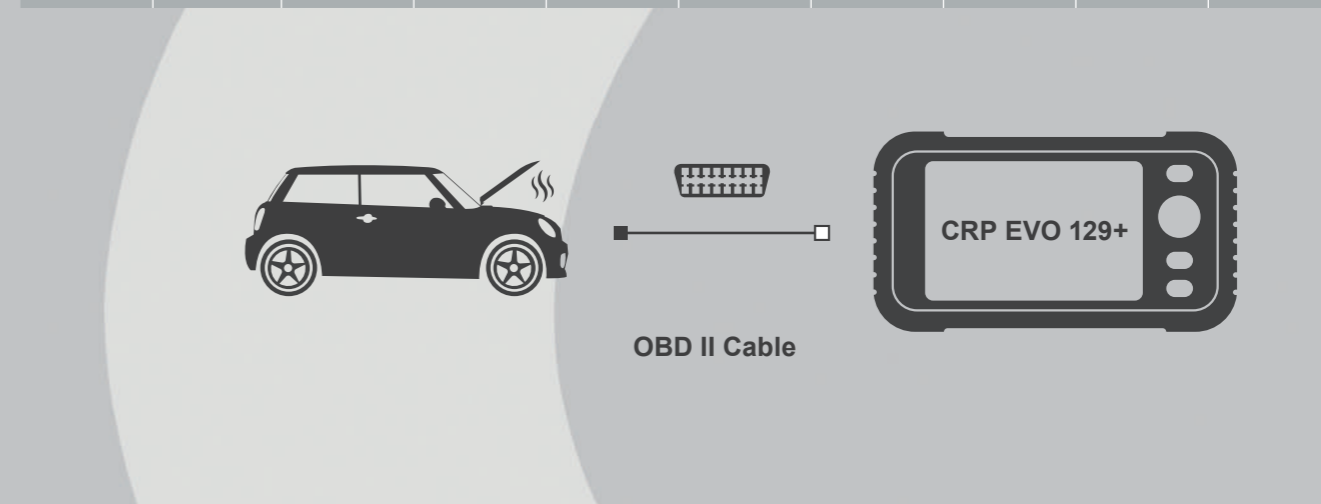
-  Software Updates Included
-  Feedback Function
-  Wide Vehicle Coverage
-  Diagnostic Report

## Service Functions

-  Electric Parking Brake Reset
-  Oil Service
-  Steering Angle Sensor Calibration
-  Battery Relearning
-  Brake Bleeding System
-  Diesel Particulate Filter
-  Injector Coding
-  Relearning Throttle Valve
-  Type Pressure Monitoring System
-  Transmission Adaption Value Reset
-  AdBlue Reset
-  Fuel Mixture Adaption
-  Odometer Check

## Technical Data Creader Professional EVO 129+

 Operating System Android 8	 Processor 2.4 GHz	 Display 5" IPS Touch	 RAM 2 GB	 Memory 32 GB	 Wi-Fi 2,4 GHz	 DC Input Voltage 5 V	 Battery 6.000 mAh	 Dimensions 228 x 125 x 34,5 mm
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# CarSET and TruckSET Database



## CarSET Electronics, PRO, Ultimate

The **Electronics Package** is our basic package that helps your technicians identify, locate and fix faults in electrical systems and components.

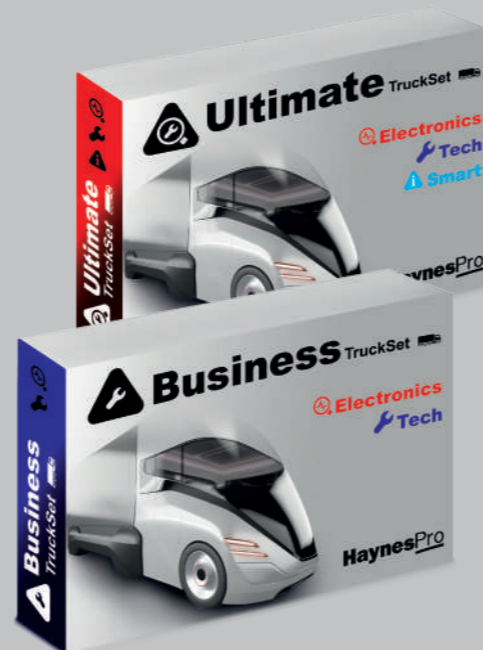
The **CarSET PRO** database provides instant access to a wide range of technical service bulletins (TSBs), as well as linking to fault codes and related case descriptions in original equipment manufacturer (OEM) quality. In addition, it contains tried-and-tested problem solutions and tips as well as a guided vehicle diagnosis. The CarSET PRO package also already includes the Electronics package

The **CarSET Ultimate** database is the complete package for your professional workshop! It helps technicians reduce the time needed to fix common faults and includes OEM Technical Service Bulletins (TSBs) and recalls. The Ultimate Package consists of the Electronics Package, the Smart Package and additionally the Tech Package.

## TruckSET Business, Ultimate

The **TruckSET Business** database provides a direct path to OEM-based technical data for over 10 truck brands and over 20 trailer manufacturers. All these technical information in the database can help technicians to detect, to find and to solve various kinds of problems.

The **TruckSET Ultimate** is the complete package for your professional workshop! This package contains comprehensive information on identification, repair and maintenance, which will help your technicians to reduce the time needed to rectify common faults.



# CarSET Database Packages

Module and functions



	Electronics	PRO	Ultimate
Fuses and Relays			
VESA™ MK II (Guided Diagnosis)			
Wiring diagrams for engine management, ABS, ESP & AC			
Component locations and information			
Fault codes (manufacturer and EOBD)			
Ground point locations			
Comfort Wiring Diagrams			
Identification Data	x	x	
VIN number and identification plate locations	x	x	
VIN decoder	x	x	
Equipment codes	x	x	
Maintenance	x	x	
Maintenance plans (of the vehicle manufacturer)	x	x	
Printable worksheets	x	x	
Service hours	x	x	
Setting Data	x	x	
Drive belts, Wheel geometry, Exhaust gas data	x	x	
Tyre sizes and pressure values	x	x	
Tightening torques, filling capacity	x	x	
Service connections Air conditioning	x	x	
Lubricants and Fluids	x	x	
Quality and viscosities	x	x	
Recalls	x	x	
Repair Manuals	x	x	
Timing belt, Timing chain, Drive belts	x	x	
Clutch, Manual transmission	x	x	
Cooling system, Motor assembly	x	x	
Working Values	x	x	
Overlap technology	x	x	
Specific and generic values, Follow-up work	x	x	
Technical Drawings	x	x	
Technical Service Bulletins™ (SmartFIX™)	x		
Link to fault codes and related cases	x		
Verified Fixes and Tips (SmartCASE™)	x		

x not included

# TruckSET Database Packages

Module and functions



	Business	Ultimate
Fuses and Relays	🔌	🔌
VESA™ MK II (Guided Diagnostics)	🔧	🔧
ABS / EBS	🔧	🔧
Engine management	🔧	🔧
Fault codes (manufacturer's and EOBD)	🔧	🔧
Diagnostic wizard	🔧	🔧
Comfort wiring diagrams	🔌	🔌
Identification Data	🚗	🚗
VIN and identification plate locations	🚗	🚗
VIN decoder	🚗	🚗
Equipment codes	🚗	🚗
Maintenance	📅	📅
Maintenance schedules (OEM-based)	📅	📅
Printable work sheets and cost estimates	📅	📅
Reset procedure for the Service indicator	📅	📅
Adjustment Data	🔧	🔧
Emission data	🔧	🔧
Wear limits	🔧	🔧
Wheel alignment settings, Torque settings	🔧	🔧
Capacities	🔧	🔧
Lubricants and Fluids	💧	💧
Qualities and viscosities	💧	💧
Recalls	⚠️	⚠️
Repair Manuals	📖	📖
Automatic transmission level and drain / refill	📖	📖
Tyre pressure monitoring system (TPMS)	📖	📖
Clutch, Valve clearances, Injector	📖	📖
Repair Times	🕒	🕒
Overlap technology	🕒	🕒
Standard labour times, Follow-up work	🕒	🕒
Technical Drawings	📄	📄
Truck and Trailer Configurator	⚙️	⚙️
Technical Service Bulletins™ (SmartFIX™)	✖	📖
Verified Fixes and Tips (SmartCASE™)	✖	🗨️

x not included

# Software Renewal Card






## X-431 and Creader Professional Series

With the Software Update Card it is possible to update the software of diagnostic devices of the X-431 and Creader Professional Series from LAUNCH easily and quickly. The update card can be purchased in stock to be sent quickly and efficiently on request. The runtime only starts after the card has been activated.



### Renewal Card Types

#### X-431 Series and Creader Professional Series

- 
**1 Year Update / Passenger Car For X-431 Series**  
 X-431 EURO TAB III, X-431 EURO LINK, X-431 EURO TURBO II
- 
**1 Year Update / Passenger Car For Creader Professional Series and TPMS**  
 Creader Professional MOT IV, TPMS
- 
**2 Years Update / Passenger Car For X-431 EURO PRO Series**  
 X-431 EURO TAB III, X-431 EURO LINK, X-431 EURO TURBO II
- 
**2 Years Update / Passenger Car For Creader Professional Series and TPMS**  
 Creader Professional MOT IV, TPMS
- 
**1 Year Update / Truck For X-431 EURO TAB II and X-431 EURO TAB III**  
 X-431 EURO PRO HD+, X-431 HD Box 3

# X-431 Diagnosis

## Accessories

### HD Box 2.0

The new LAUNCH X-431 HD Box 2.0 is the new VCI standard for LAUNCH commercial vehicle diagnostics. This VCI technology offers a faster and more stable data transmission, a user-friendly visual interface, supports PassThru function and also super remote diagnosis with an optional license. It supports the full systems diagnosis, the functionality of DTC reading, DTC clearing, data stream reading, special functions and actuation test. It covers engine software such as Mercedes-Benz, Renault, Volvo, Scania, MAN and DAF and many others.



CPU Dual Processor Cortex-A7 / M7	Operating Voltage DC 9 - 36 V	Power Consumption < 6 W	Working Temp. 0° C - 50° C	Storage 8 GB	Memory 256 MG	Communication WiFi / Bluetooth / Ethernet	Dimensions [mm] 200 × 110 × 47
Supports over 100 Manufacturers	TruckSET Database	Trucks, Buses, Construction, Agricultural Machinery	Communicates with X-431 Series	Supports PassThru Function	Support Remote Diagnosis		

### HD Pack

HD Pack for X-431 EURO TAB II and EURO TAB III consists of activation code for HD Software and non-standard HD cables. The Smartbox 3.0 (EURO TAB II) and Smartlink (EURO TAB III, EURO LINK, EURO PRO5 LINK) are both compatible with both 12 V and 24 V.



### Motorcycle Software + 9 Connectors

Coverage Manufacturer: Honda, Yamaha, Kawasaki, Suzuki, Harley-Davidson, BMW  
Supported device\*: X-431 EURO TAB III, EURO TAB II, EURO LINK, EURO PRO5 serial, EURO PRO4 serial, EURO TURBO



### X-PROG 3

The X-PROG 3 key and immobiliser programmer is a powerful anti-theft solution and an ideal choice for professional repair shops and vehicle maintenance businesses. X-PROG 3 is an integrated multi-function module, which offers multiple functions in one device for fast and accurate reading and writing of data.



Interface DB26, DB15	Input Voltage DC 12 V	Input Current 500 mA	Working Temp. 0 - 50 °C	Storage Temp. -20 - 70 °C	Dimensions [mm] 39 × 107 × 298	Anti-Theft Type Identification	Remote Control Matching
Key Chip Read & Write	Anti-Theft Password Reading	Anti-Theft Component Replacement					

### O2-2 ScopeBox

Turn your X-431 EURO TAB III into a 4-channel oscilloscope with the help of the LAUNCH O2-2 ScopeBox. The ScopeBox captures faulty / irregular signals for curve analysis on the screen of the X-431 EURO TAB II / TAB III. This analysis can be used to detect various defects, e.g. in sensors, actuators and circuits.



1 GB for 4 Channels	DC Accuracy ± 3 %	Bandwidth 100 MHz	Rise Time ± 3.5 ns (typical)	Sampling Rate 1 GB for 4 Channels	Input Impedance 1 MΩ ± 1.5 %	Memory Depth 50 MB for 4 Channels	Vertical Resolution 8 bit
Vertical Scale 5 mV - 10 V	Vertical Offset Range ± 2.5 V ± 120 V	Invert Support	Coupling DC, AC	Time Base 50 ns - 1 ks	Time Base Precision 20 ppm	Automatic Measurement 23 Modes	Powerful Trigger Function

### S2-2 Sensorbox

The S2-2 Sensorbox is specially designed for the diagnosis and simulation of sensor faults. It mainly contains "Sensor", "Actuator", "Defined / Draw", "Timing Waveform" and "Multimeter". The module cannot be used separately, but must be operated together with LAUNCH-specific diagnostic tools that are compatible with this module.



2 Channels	Accuracy ± 1 %	Amplitude Range 0 V - 20 V	Max. Current Output 20 mA	Frequency Range 0 - 20 kHz	Square Wave Signal 0 - 15 kHz	Duty cycle 0 - 100 %	Power Supply Max. 20 mA
Fixed Frequency Simulation	Predefined Wave Simulation	Predefined Frequency Range	2 Signal Generator Interfaces	External Power Supply	1 x Magnetic Interface	2 x Multimeter Interfaces	Operating Temp. 0° C - 50° C

### BST-360 Battery Tester

The LAUNCH BST-360 is a Bluetooth Battery Tester suitable for both technicians and end users. It has an advanced conductance test function that measures the exact cold start current capacity of the vehicle battery to provide meaningful results. It also provides a battery condition indicator and an overall indicator for the vehicle's starting and charging system.



Compact Size	Multi Terminal Support	Automatic Bluetooth	Battery Types Lead-Acid, AGM, GEL	Print Report	Multilingual	Tests during each battery status
Electric Current Test	Voltage Test	Ripple Detection	Starter Test	Charging System Test	Battery Test	

### VSP-600 USB Videoscope

The LAUNCH video endoscope is the ideal tool for viewing and capturing video and images in hard-to-reach areas of your vehicle. Equipped with a 5,5 mm small and fluid-resistant camera head and adjustable LED illumination.



Diameter 5,5 mm	Resolution 1.280 × 720 px	Temperature -10° C - 55° C	Sensor Size 1/9"	USB Type C micro USB	Power 5 V	LED 5 Level	Cable 4,8 Ø, L 800 mm
Fast Video and Image Recording	Viewing and Saving Images and Videos	Automatic White Balance					

### X-431 TSGUN

The X-431 TSGUN is a professional TPMS module with integrated sensor activation, reading, programming and teach-in function. It reads information such as tyre pressure or temperature by receiving signals with different frequencies.



TPMS-Function 433 MHz	Tech-In Process Through OBD Interface	ID Generator automatic or manual	Supports 98% of all Models	Reads Tyre Pressure Data	ID Sensor read, copy and write	Vehicle-specific description of the teach-in process	Supports Reprogramming
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# Diagnostic Standalone Devices



## Pro Trolley TWT-100

TWT-100 is new professional multi-function trolley for diagnosis devices, battery chargers, oscilloscope, and much more. Ideal to be used in the workshop during the vehicle's ECU reprogramming in combination with the LAUNCH Flashpower product. It provides the convenience and flexibility for the daily work in a workshop.

Dimensions 1.300 × 670 × 610 mm	Weight 71 kg	Ideal for Workshops	In Combination with Control Units				



## Trolley

Professional multifunction trolley for battery chargers, diagnostic equipment and much more. Ideal for use in the workshop, when programming control units on the vehicle, for example in combination with the new Flashpower 120. The multifunction trolley offers convenience and flexibility for daily work in the workshop.

Dimensions 1.120 × 560 × 540 mm	Weight 25,5 kg	Ideal for Workshops	In Combination with Control Units				

## PFP-100

PFP-100 / 150 is a professional 100 Ampere vehicle battery power support unit with high-performance, compact size and high-quality. It is used by garages, car electricians and car dealerships, mainly for supplying continuous power to the vehicles battery, during all stages of ECU reprogramming and flashing, according to the request of car OEMs.



Voltage 110 – 220 V	Power 1.200 W	Output Voltage 12 V	Charging Current 2 - 16 V / 2 - 100 A	Battery Selection Regular, AGM, GEL	Charge Capacity 10 – 1.200 Ah	Maintenance Capacity 10 – 3.600 Ah	Cable Length 3 m
Dimensions [mm] 430 × 350 × 140	Weight 7,7 kg						

## PFP-150

The 150 Ampere version of our vehicle battery power support unit for more intense Ampere ranges.

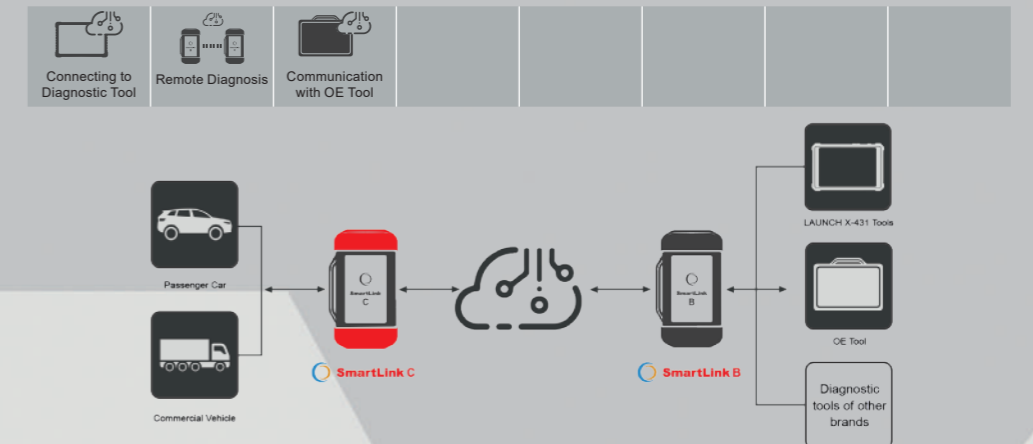


Voltage 110 – 220 V	Power 1.200 W	Output Voltage 12 V	Charging Current 2 - 16 V / 2 - 150 A	Battery Selection Regular, AGM, GEL	Charge Capacity 10 – 1.200 Ah	Maintenance Capacity 10 – 3.600 Ah	Cable Length 3 m
Dimensions [mm] 430 × 350 × 140	Weight 7,7 kg						



## SRDs SmartLink B

SRDs is comprised with SmartLink C, SmartLink B and a Cloud Platform. The SmartLink C can be connected to the vehicle, while the SmartLink B can be connected with any diagnostic device. The remote diagnosis will be carried out on the SmartLink platform.



## SRDs SmartLink C

Supports passenger and Commercial Vehicle	Remote Diagnosis	Compatible with DoIP	PassThru J2534, D-PDU, RP-1210	Local Diagnosis			



## BST-860

The new BST-860 battery tester with integrated thermal printer is the ideal solution for testing 12 V batteries and their associated electrical systems.

Display LCD Display	Measuring Cable 80 cm	Working Temperature -18 up to 50°C	Dimensions 188 × 95 × 41 mm	Weight 450 g	Supports Wide Vehicle Range	Battery Test Results	Multilingual



## VSP-808 Videoscope

The VSP-808 is a professional video endoscope that displays a real-time view of the vehicle's internal structure on a 4.3" TFT display and stores images. The visible pre- and post-inspection process greatly improves customer satisfaction.

Display 4,3" TFT	Battery 1.800 mAh	Resolution Probe 1.280 × 720 px	Sensor Size Probe 2,8 mm	Frame Rate Probe 30 FSP	Focus Frequency Probe 3 - 300 mm	Cable Length 1.000 mm	Memory 8 MB
Probe Ø 5,5 mm	Cable Ø 4,8 mm	Operating Temp. -20°C – 60°C					



## CRT-511 S

The CRT-511 S is a semi-professional TPMS diagnostic device that can activate, read, learn and program TPMS sensors. The CRT-511 S can activate and read tyre pressure sensor information via radio. It uses the OBDII interface to reset the TPMS module and program the sensor via a frequency of 433 MHz.

TPMS Function 433 MHz	Programming of up to 8 Sensors Simultaneously	Tire ID Matching & Learning via OBD Port	VIN Query	Supports 98% of all Models	Reads Tyre Pressure Data	Sensor ID Read, Copy, Write
Supports Reprogramming	ID Generation Automatic or Manual	OBD II ID Generation Automatic or Manual	Free Software Update	12 Service Functions	OE Inquiry	TPMS Report
						Wi-Fi 2.412 - 2472 MHz



# Vehicle Diagnosis Comparison

## X-431 Series

	X-431 EURO TAB III	X-431 EURO LINK	X-431 EURO TURBO II	X-431 EURO LINK HD
	X-431 EURO TAB III	X-431 EURO LINK	X-431 EURO TURBO II	X-431 EURO LINK HD
<b>Technical Data</b>	Android 9	Android 10	Android 10	Android 10
	13,3" IPS Touch / Full HD	10,1" IPS Touch / Full HD	10,0" IPS Touch / Full HD	10,0" IPS Touch / Full HD
	256 GB Storage	128 GB Storage	128 GB Storage	128 GB Storage
	Wi-Fi 2,4 GHz / 5 GHz	Wi-Fi 2,4 GHz / 5 GHz	Wi-Fi 2,4 GHz / 5 GHz	Wi-Fi 2,4 GHz / 5 GHz
	Bluetooth	Bluetooth	Bluetooth	Bluetooth
	USB Type A, C	USB	USB	USB
	Printer optional	Printer optional	Printer optional	Printer optional
	8 MP / 13 MP Camera	5 MP / 8 MP Camera	5 MP / 8 MP Camera	5 MP / 8 MP Camera
	Adapter Set, 3 Adapter	Adapter Set, 3 Adapter	Adapter Set, 2 Adapter	Adapter Set, 13 Adapter
	Software Updates	Software Updates	Software Updates	Software Updates
	CarSET database PRO included, Ultimate Pack optional	CarSET database PRO included	CarSET database Electronics optional	TruckSET database Business and Ultimate optional

# Overview Features

## X-431 Series

	X-431 EURO TAB III	X-431 EURO LINK	X-431 EURO TURBO II	X-431 EURO LINK HD
	X-431 EURO TAB III	X-431 EURO LINK	X-431 EURO TURBO II	X-431 EURO LINK HD
<b>Features</b>	OBD I & OBD II / EOBD	OBD I & OBD II / EOBD	OBD I & OBD II / EOBD	OBD I & OBD II / EOBD
	Automatic VIN Decoding	Automatic VIN Decoding	Automatic VIN Decoding	Automatic VIN Decoding
	Read & Delete Trouble Codes	Read & Delete Trouble Codes	Read & Delete Trouble Codes	Read & Delete Trouble Codes
	40 Service Functions	35 Service Functions	31 Service Functions	12 Service Functions
	Online Feedback	Online Feedback	Online Feedback	Online Feedback
	SmartLink Remote Diagnosis	SmartLink Remote Diagnosis	×	SmartLink Remote Diagnosis
	Actuator Test	Actuator Test	Actuator Test	Actuator Test
	Coding, Programming	Coding, Programming	Coding, Programming	Coding, Programming
	ADAS Optional	ADAS Optional	ADAS Optional	×
	HD Module Compatible	HD Module Compatible	HD Module Compatible	HD Module Compatible
	VSP-600 USB Videoscope optional	VSP-600 USB Videoscope optional	VSP-600 USB Videoscope optional	VSP-600 USB Videoscope optional
	O2-2 ScopeBox, S2-2 SensorBox	×	×	×
	PassThru	PassThru	×	PassThru
	DoIP	DoIP	DoIP	DoIP

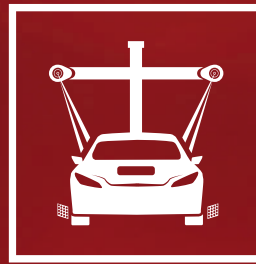
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# LAUNCH

EUROPE GMBH



## DIAGNOSTIC SOLUTIONS



Diagnostics · ADAS · Calibrations · Lifts · Services



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