### **LAUNCH**

### **CONTENTS**

01

**SCANNER** 

20

ADAS CALIBRATION

25 TPMS 29

**DIY TOOLS** 

36

WHEEL EQUIPMENT

47

**INSPECTION EQUIPMENT** 

53

**MAINTENANCE SERIES** 

62

**TOOLS** 



**LIFTS** 

### **ABOUT US**

Establishing in 1992, LAUNCH TECH manufactures vehicle diagnostic tools, lifts, wheel alignments and balancers, tyre changers and various maintenance equipment for OEM vehicle makes and automotive workshops. LAUNCH TECH was listed on the Hong Kong Growth Enterprise Market (GEM) in 2002 and successfully changed to the Main Board of Stock Exchange of Hong Kong Limited (Stock Code: 2488) in 2011.

With over 800 qualified R&D engineers led by some of the most experienced and distinguished specialists in the automotive sector, thousands of patented inventions, hundreds of distributors around the world, LAUNCH is committed to providing high quality products and innovative services that meet or exceed the expectations of our customers.



# X-431 LATEST SCAN TOOLS RECOMMENDATION

PASSENGER CAR I COMMERCIAL VEHICLE I HEAVY DUTY TRUCK



INTELLIGENT DIAGNOSIS RESET FUNCTION GUIDED FUNCTION

ADAS CALIBATION BI-DIRECTIONAL CONTRAL

## NTELLIGENT FASTER /SMARTER /POWERFUL DIAGNOSTICS











<b>X</b> -431	PRO	3	V4.0

	/	/	
CONFIGURATION			
Display	8" / 1280x800	8" / 1280x800	10.1" / IPS 1920x1200
CPU	1.5GHz Quad-core	1.3GHz Quad-core	1.8GHz Octa-core
Memory	2 GB	2 GB	3 GB
Storage	32 GB	32 GB	32 GB +32 GB (SD Card)
Camera	N/A	Rear 5MP	Rear 8MP, Front 5MP
VCI	DBScar IV	DBScar IV	DBScar IV
Battery	6100mAh	4680mAh	7000mAh
VCI Connection	Bluetooth	Bluetooth	Bluetooth
Adjustable Kickstand	√	N/A	N/A
IP65 Rating Case	N/A	N/A	N/A
Charging Station	N/A	N/A	N/A
QC 3.0 Quick Charge	N/A	N/A	N/A
Size (mm)	300 * 170 * 42	226 * 203 * 43.6	265 * 214.5 * 50.5
Add-on Modules	X-PROG/X-PROG 3 Immobilizer, Wi-Fi Printer,	VSP-600, X-PROG/X-PROG 3 Immobilizer, Wi-Fi Printer, X-431 TSGUN,	VSP-600, X-PROG/X-PROG 3 Immobilizer, Wi-Fi Printer, X-431 HD III, X-431 TSGUN,

FEATURES			
Operating System	Android 7.0	Android 7.0	Android 9.0
Full System Diagnosis	√	√	√
OBD II Full Function	√	√	√
Remote Diangosis	√	√	√
Smartlink Remote Diagnosis	N/A	N/A	N/A
Auto VIN Identification	√	√	√
Actuation Test	√	√	√
Coding	√	√	<b>√</b>
Programming	N/A	N/A	N/A
TPMS Service	Register sensor ID	Register sensor ID	Register sensor ID
J2534/DoIP/RP1210/D-PDU	N/A	N/A	N/A
Guided Function	Optional	Optional	VW & AUDI
ADAS Calibration	Optional	Optional	Optional
Software Upgrade	WiFi	WiFi	WiFi
Vehicle Coverage	Passenger cars	Passenger cars	Passenger cars, Commercial vehicles (with HD
Tollion Corollago			· (
SERVICE FUNCTIONS			
Brake Reset	√	√	√
Oil Reset	√	√	√
SAS Reset	√	√	√
Battery Match	√	√	√
ABS Bleeding	√	√	√
Elec. Throttle RLRN	√	√	√
TPMS Reset	√	√	√
DPF Regeneration	√	√	√
Gear Learning	√	√	√
Immobilizer	√	√	√
Injector Coding	√	√	√
Sunroof Initialization	N/A	N/A	√
SUS Reset	N/A	N/A	√
AFS Reset	N/A	N/A	√
Gearbox Learning	N/A	N/A	√
Adblue Reset	N/A	N/A	N/A
Coolant Bleeding	N/A	N/A	N/A
EGR Adaption	N/A	N/A	N/A
Nox Sensor Reset	N/A	N/A	N/A
Seats Calibration	N/A	N/A	N/A
Tyre Reset	N/A	N/A	N/A
Windows Calibration	N/A	N/A	N/A
A/F Reset	N/A	N/A	N/A
Stop/Start Reset	N/A	N/A	N/A
Transport Mode	N/A	N/A	N/A
Language Change	N/A	NI/A	ALIA









<i>)</i>	X-431 PAD III V2.0	X-431 PAD V

10.1" / IPS 1920x1200	10.1" / IPS 1920x1200	10.1" / IPS 1920x1200	13.3" / IPS 1920x1080
1.8GHz Octa-core	2.0GHz Octa-core	2.0GHz Octa-core	2.0GHz Octa-core
3 GB	2 GB	4 GB	8 GB
32 GB +32 GB (SD Card)	64 GB+128 GB (SD,Optional)	64 GB+128 GB (SD,Optional)	256 GB
Rear 8MP, Front 5MP	Rear 8MP, Front 2MP	Rear 13MP, Front 8MP	Rear 13MP, Front 8MP
Smartlink C	DBScar IV	Smartbox 3.0	Smartlink C
7000mAh	15000mAh	9360mAh	9360 mAh@7.6V/71.1Wh
Bluetooth	Bluetooth	Wi-Fi	Wi-Fi
√	√	√	√
N/A	N/A	√	√
N/A	N/A	√	N/A
N/A	N/A	√	N/A
267 * 191 * 33	317 * 202 * 53	320 * 211 * 46	353 * 236 * 71
VSP-600,X-PROG/X-PROG 3 Immobilizer, Wi-Fi Printer, X-431 TSGUN, BST360 Bluetooth Battery Tester	VSP-600, X-PROG/X-PROG 3 Immobilizer, S2-2 Sensorbox, O2-1 Scope Box, Wifi Printer, X-431 HD III, X-431 TSGUN, BST360 Bluetooth Battery Tester	VSP-600, X-PROG/X-PROG 3 Immobilizer, S2-2 Sensorbox, O2-1 Scope Box, Wifi Printer, X-431 TSGUN, BST360 Bluetooth Battery Tester	VSP-600, X-PROG/X-PROG 3 Immobilizer, S2-2 Sensorbox, O2-1 Scope Box, Wi-Fi Printer, X-431 TSGUN, BST360 Bluetooth Battery Teste

	tara da la companya	and the second s	
Android 9.0	Android 5.1.1	Android 7.1	Android 9.0
√	√	√	√
√	√	√	√
Smartlink Remote Diagnosis	√	√	√
√	N/A	N/A	√
√	√	√	√
√	√	√	√
√	√	<b>√</b>	<b>√</b>
By Smartlink Remote Diagnosis	√	√	
Register sensor ID	Register sensor ID	Register sensor ID	Register sensor ID
√	N/A	√	√
VW & AUDI	VW & AUDI	VW & AUDI	VW & AUDI
Optional	Optional	Optional	Optional
WiFi	WiFi	WiFi	WiFi
Passenger cars, Commercial vehicles	Passenger cars, Commercial vehicles (with HD III)	Passenger cars, Commercial vehicles	Passenger cars, Commercial vehicles
			3
<b>√</b>	√	<b>√</b>	<b>V</b>
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V V V V V by Smartlink Remote Diagnosis	V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
√ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √ √	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

of control of control

X-431 PAD VII is an unexpected high-end diagnostic tool from Launch, comes with ADAS calibration, 26 service functions, TPMS service and 8 extended modules functions. New Smartlink C VCI powers you a new diagnostic level without the limitation of diagnostic tool.



### \* BEST OF THE BEST \*





Adiustable Kickstand

IP65 Against Water and Dust







Wi-Fi Communication



256GB memory



13.3" touch screen

### **Features**

- Full system vehicle coverage for U.S., Asian and European markets over 110 brands, which is continually updated
- The software is available to purchase separately on the Mall as demanded
- Real-time voltage display now be supported, which helps you monitor the voltage condition of vehicle during the diagnosis
- Topology module mapping gives you visual checking on DTCs and all systems communication status
- Support automotive communication protocols CAN/CANFD/DoIP and automotive communication standards J2534/D-PDU/RP1210
- Auto-detects the communications protocol of the vehicle and assist to check automotive OBDII port pin damaged or not
- Intelligent diagnostic enable identify VIN automatically and access system quickly
- Guided function for Volkswagen and Audi
- Optional ADAS calibration function increases more revenue
- Advanced coding and programming function
- An extended solution to support TPMS service
- 2.4GHz & 5GHz dual band communication ensures guick connection
- Empower you to diagnose light, medium & heavy duty vehicles with Smartlink C
- The basic functions include read & clear DTC, remote diagnosis, Bi-directional control, live data graph, wireless software update and so on
- Build-in repair information and training video modules help to track and fix issue fast

#### **26 Service Functions**



Lamp Reset



















DPF Regeneration













Reset

Learning

Nox Sensor Stop/Start















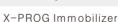


8 Extended Modules







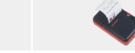


Wi-Fi Printer













X-431 TSGUN



BST360 Bluetooth Battery Tester

### **Specification**

O2-1 Scopebox

Item	X-431 PAD VII	Smartlink C
Operation System	Android 9.0	N/A
СРИ	2.0GHz Octa-core	N/A
Display	13.3" touch screen 1920x1080	3.5" touch screen 320x480
Memory	8GB	256M
Storage	256GB	8GB
Camera	Rear 13MP, Front 8MP	N/A
Wi-Fi	Dual Band 2.4&5GHz	Dual Band 2.4&5GHz
Diagnostic Communication	WiFi	Wi-Fi&BT&USB
Working Temperature	0℃~50℃	0℃~50℃
Dimension	353x236x71(mm)	204x110x45(mm)

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The Ultimate scanner with everything that technicians require from a scan tool, is designed to offer you a luxury experience of vehicle diagnosis.



### **★ ULTIMATE SCANNER ★**



Communication



Quick Charge



**Ip65** Against Water and Dust



Adjustable Kickstand



Charging Station



Crash-proof Corners

### **Features**

- Full system vehicle coverage for U.S., Asian and European markets over 110 brands, which is continually updated
- The software is available to purchase separately on the Mall as demanded
- Real-time voltage display now be supported, which helps you monitor the voltage condition of vehicle during the diagnosis
- Support automotive communication protocols CAN/CANFD/DoIP and automotive communication standards J2534/D-PDU/RP1210
- Auto-detects the communications protocol of the vehicle and assist to check automotive OBDII port pin damaged or not
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- Advanced coding and programming function
- An extended solution to support TPMS service
- 2.4GHz & 5GHz dual band communication ensures guick connection
- Empower you to diagnose light, medium & heavy duty vehicles with Smartbox 3.0
- The basic functions include read & clear DTC, remote diagnosis, Bi-directional control, live data graph, wireless software update and so on
- Build-in repair information and training video modules help to track and fix issue fast

#### **26 Service Functions**

















Injector

Battery



SAS



TPMS Reset



ABS

Bleeding



Gear

Learning

Nox Sensor Reset



DPF

Regeneration

Stop/Start



Gearbox Reset



Bleed calibrations





8 Extended Modules







X-PROG Immobilizer



X-PROG 3 Immobilizer



S2-2 Sensorbox







Wi-Fi Printer



X-431 TSGUN



BST360 Bluetooth Battery Tester

Operation System	Android 7.1
СРИ	2.0GHz Octa-core
Display	10.1" touch screen 1920x1200
Memory	4GB
Storage	64GB(max.128GB expandable memory)
Camera	Rear 13MP, Front 8MP
Wi-Fi	Dual Band 2.4&5GHz
Diagnostic Communication	WiFi&Wired
Working Temperature	0℃~50℃
Dimension	320x211x46(mm)

#### Advanced and powerful, high-class scanner with ultralong battery life and largest display.



#### **★ PREMIUM SCANNER ★**



Adjustable

Kickstand



15000mAh





optional to 128GB

2.0GHz Octa-core processor

### **Features**

- Full system vehicle coverage for U.S., Asian and European markets over 110 brands, which is continually updated
- The software is available to purchase separately on the Mall as demanded
- Real-time voltage display now be supported, which helps you monitor the voltage condition of vehicle during
- Intelligent diagnostic enable identify VIN automatically and access system quickly
- Guided function for Volkswagen and Audi
- Optional ADAS calibration function increases more revenue
- Advanced coding and programming function
- An extended solution to support TPMS service
- Empower you to diagnose light, medium & heavy duty vehicles with HDIII module
- The basic functions include read & clear DTC, remote diagnosis, Bi-directional control, live data graph, wireless software update and so on
- Build-in repair information and training video modules help to track and fix issue fast

#### **21 Service Functions**

- Service Lamp Reset
   Throttle Matching
   SAS Reset
- Immobilizer Reset
   Headlamp Reset
   Battery Reset
- ◆ DPF Regeneration
   ◆ Coolant Bleeding
   ◆ Gearbox Reset
   ◆ Gear Learning
   ◆ Injector Coding
   ◆ Tyre Reset
- Sunroof Initialization
   Nox Sensor Reset
   Seats Calibration

- Brake Reset
- TPMS Reset

- SUS Reset
- Adblue Reset
- EGR Adaption

#### 9 Extended Modules

- VSP-600
- X-PROG Immobilizer
- X-PROG 3 Immobilizer

- S2-2 Sensorbox
- O2-1 ScopeBox
- Wi-Fi Printer

- X-431 HD III
- X-431 TSGUN
- BST360 Bluetooth Battery Tester

### **Specification**

Operation System	Android 5.1.1
СРИ	2.0GHz Octa-core
Display	10" touch screen 1920x1200
Memory	2GB
Storage	64GB(max.128GB expandable memory)
Camera	Rear 8MP, Front 2MP

Diagnostic Communication	Bluetooth
Internet Communication	WiFi&Ethernet
Interface	DC IN/Micro USB/ USB 2.0 Type A/RJ45/ HIMI/TF slot/Headset
Working Temperature	0℃~50℃
Dimension	317x202.5x53(mm)

#### Innovative DUAL diagnostic mode:traditional local diagnosis and Smartlink Remote Diagnosis.

### New ★ NEW ERA OF SMARTLINK REMOTE DIAGNOSIS > Smartlink Remote Diagnosis Adjustable Kickstand

### **Features**

• Full system vehicle coverage for U.S., Asian and European markets over 110 brands, which is continually updated

Smartlink C

- The software is available to purchase separately on the Mall as demanded
- Real-time voltage display now be supported, which helps you monitor the voltage condition of vehicle during the diagnosis
- Intelligent diagnostic enable identify VIN automatically and access system quickly
- Optional Guided function for Volkswagen and Audi
- Optional ADAS calibration function increases more revenue
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- Empower you to diagnose light, medium &heavy duty vehicles with HDIII module
- The basic functions include read & clear DTC, remote diagnosis, Bi-directional control, live data graph, wireless software update and so on
- Build-in repair information and training video modules help to track and fix issue fast

#### **15 Service Functions**

- Service Lamp Reset
- Electronic Throttle RIrn
   Battery Reset
- Brake Reset
- Injector Coding
- Immobilizer Reset
   SAS Reset TPMS Reset

ABS Bleeding

- Gear Learning
- Headlamp Reset DPF Regeneration
   Sunroof Initialization
- Gearbox Reset SUS Reset

#### **6** Extended Modules

- VSP-600
- X-PROG Immobilizer
- X-PROG 3 Immobilizer
- Wi-Fi Printer

- X-431 TSGUN
- BST360 Bluetooth Battery Tester

Operation System	Android 9.0
CPU	1.8GHz Octa-core
Display	10.1" touch screen 1920x1200
Memory	3GB
Storage	32GB+32GB SD
Camera	Rear 8MP, Front 5MP
Diagnostic Communication	Bluetooth
Wi-Fi	Dual Band 2.4&5GHz
Working Temperature	0℃~50℃
Dimension	267x191x33(mm)

A classic full-function scanner designed for technicians, with everything you need to diagnose and research, saves your time and boosts your productivity.

#### **★ CONSUMER CHOICE FOR YEARS ★**



PUSH PUSH







touchscreen



1.8GHz Octa-core processor



### **Features**

- Full system vehicle coverage for U.S., Asian and European markets over 110 brands, which is continually updated
- The software is available to purchase separately on the Mall as demanded
- Real-time voltage display now be supported, which helps you monitor the voltage condition of vehicle during the diagnosis
- Intelligent diagnostic enable identify VIN automatically and access system quickly
- Optional Guided function for Volkswagen and Audi
- Optional ADAS calibration function increases more revenue
- An extended solution to support TPMS service
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- Build-in repair information and training video modules help to track and fix issue fast

#### **15 Service Functions**

Service Lamp Reset

7 Extended Modules

Brake Reset

● VSP-600

• X-431 HD III

- Immobilizer Reset
   SAS Reset Electronic Throttle RIrn
   Battery Reset Injector Coding

● X-431 TSGUN

Wi-Fi Printer

TPMS Reset

X-PROG

ABS Bleeding

Immobilizer

- - DPF Regeneration

• X-PROG 3

**Immobilizer** 

- Gear Learning
- Gearbox Reset
- Headlamp Reset Sunroof Initialization

BST360 Bluetooth

**Battery Tester** 

- SUS Reset
  - Brake Reset

#### • Electronic Throttle Rlrn

Optional Guided function for Volkswagen and Audi

An extended solution to support TPMS service

• Optional ADAS calibration function increases more revenue

software update and so on

• Immobilizer Reset

Cost-effective

• Full system vehicle coverage for U.S., Asian and European markets over 110 brands, which is continually updated

• Real-time voltage display now be supported, which helps you monitor the voltage condition of vehicle during

• The basic functions include read & clear DTC, remote diagnosis, Bi-directional control, live data graph, wireless

- Battery Reset
- Injector Coding

Build-in repair information and training video modules help to track and fix issue fast

Bestseller for years. Classic PRO with new design, is going to create a

**★ BEST SELLER FOR YEARS ★** 

5MP Rear

• The software is available to purchase separately on the Mall as demanded

• Intelligent diagnostic enable identify VIN automatically and access system quickly

- SAS Reset
- TPMS Reset
- Gear Learning

• DPF Regeneration

ABS Bleeding

#### **6** Extended Modules

11 Service Functions

Service Lamp Reset

new experience!

PUSH PUSH

Connector

**Features** 

the diagnosis

- VSP-600
- Wi-Fi Printer

- X-PROG Immobilizer
- X-PROG 3 Immobilizer
- X-431 TSGUN
- BST360 Bluetooth Battery Tester

### **Specification**

•	
Operation System	Android 9.0
СРИ	1.8GHz Octa-core
Display	10.1" touch screen
Memory	3GB
Storage	32GB+32GB SD
Camera	Rear 8MP, Front 5MP
Diagnostic Communication	Bluetooth
Wi-Fi	Dual Band 2.4&5GHz
Working Temperature	0℃~50℃
Dimension	265x214.5x50.5(mm)

Operation System	Android 7.0			
СРИ	2.0GHz Quad-core			
Display	8" touch screen 1280x800			
Memory	2GB			
Storage	32GB			
Camera	Rear 5MP			
Diagnostic Communication	Bluetooth			
Wi-Fi	Dual Band 2.4&5GHz			
Working Temperature	0℃~50℃			
Dimension	231x165x30(mm)			



#### **★ PRACTICAL FULL SYSTEM SCANNER ★**







Adjustable PUSH PUSH Kickstand Connector

Shortcut Kev

### **Features**

- Full system vehicle coverage for U.S., Asian and European markets over 110 brands, which is continually updated
- The software is available to purchase separately on the Mall as demanded
- Real-time voltage display now be supported, which helps you monitor the voltage condition of vehicle during the diagnosis
- Intelligent diagnostic enable identify VIN automatically and access system quickly
- An extended solution to support TPMS service
- The basic functions include read & clear DTC, remote diagnosis, Bi-directional control, live data graph, wireless software update and so on
- Build-in repair information and training video modules help to track and fix issue fast

#### 11 Service Functions

- Service Lamp Reset
- Electronic Throttle Rlrn
- Brake Reset
- Immobilizer Reset

- Battery Reset
- Injector Coding
- SAS Reset
- TPMS Reset

- ABS Bleeding
  - Gear Learning
  - DPF Regeneration

#### **4** Extended Modules

- X-PROG Immobilizer
- BST360 Bluetooth Battery Tester
- X-PROG 3 Immobilizer
- Wi-Fi Printer

### **Specification**

Operation System	Android 7.0			
СРИ	1.5GHz Quad-core			
Display	8" touch screen 1280x1280			
Memory	2GB			
Storage	32GB			
Diagnostic Communication	Bluetooth			
Working Temperature	0℃~50℃			
Dimension	300x170x42(mm)			

#### Diagnosing from A Thousand Miles alway.



#### **Various Diagnostic Tools**

Support X-431 Diagnostic tools, OEM tools and third-party diagnostic tools



#### **Multiple Diagnostic Protocols and Standards**

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J2534, RP1210, D-PDU, DoIP, CAN2.0, CANFD



#### **Dual Diagnostic Mode**

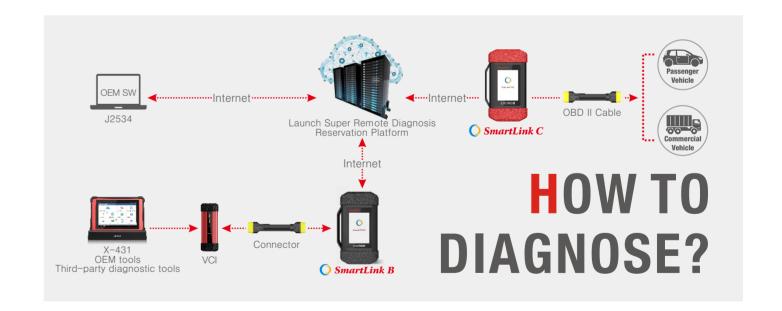
Support remote diagnosis and local diagnosis



#### **Reservation Platform**

Launch Super Remote Diagnosis reservation platform to publish and accept request





### **Features**

- Compatible with LAUNCH tools, OE tools or any other diagnostic tools
- SmartLink can be used not only remote diagnosis but also local diagnosis by working with X-431 PAD V
- Support automotive communication protocols CAN/CANFD/DoIP and automotive communication standards J2534/D-PDU/RP1210
- Publish request and accept offer from Launch Super Remote Diagnosis Reservation platfom

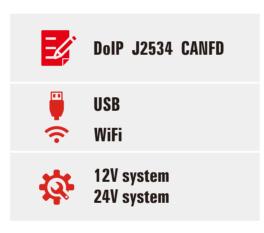
SmartBox 3.0, the new VCI (Vehicle **Communication Interface) with** Linux system, supports USB, and WiFi connection, is compatible with CANFD, DoIP, J2534 and other diagnostic protocols. More powerful functions to be discovered by working

### **Features**

with X-431 PAD V.

- 4 CAN for data monitoring
- CANFD
- DOIP (ISO 13400)
- J2534-1 & J2534-2
- J1708
- J1850 PWM/VPW
- CCD
- SCI
- RP1210/C
- K line & L line
- 5~20V programmable voltage for pin 6, 9, 11, 12, 13 or 14
- Voltage detection for pin 1, 2, 3, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
- Battery voltage detection
- Programmable control access and disconnection of CAN terminal resistance
- 2.4G/5G dual WIFI
- USB
- Support system voltage of 12V or 24V





**SCANNER** 

### **Specification**

Item	SmartBox 3.0			
Operation System	Linux			
СРИ	Cortex-A7 + Cortex-M7 dual processor			
Memory	256M			
Storage	8GB			
Power Supply	DC9~36V			
USB	Type B USB 2.0			
Wi-Fi	Dual Band 2.4&5GHz			
Indicator LED	5 multifunction indicator lamps			
Vehicle Connection	J1962 16PIN			

An intelligent VCI (Vehicle Communication Interface) for cars and trucks from 12V to 24V, supports USB, Bluetooth, and WiFi connection. More powerful functions to be discovered by working with X-431 PRO 3 V4.0, X-431 PAD III V2.0.

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### **Features**

- Diagnostic Functions: Read and clear DTC for full system, read data steams, support bi-directional controls and actuation test
- Support USB, Bluetooth and WiFi connection
- For cars and trucks from 12V to 24V
- High-speed and strong stability
- Various connectors and cables are included to fit different vehicle models.

#### **13 Service Functions**

- DPF Regeneration
- Injector Coding
- Reset Service(MIL)
- Maintenance Confirmation
- Injection Quantity Adjustment
- Particulate Filter Replacement Reset
- Reset Pressure Differential Sensor
- Reset Pressure Limiting Valve
- Bleeding The Adblue Circuit
- Trip Reset

- VGT Electronic Actuator Installation and Calibration
- Parked SCR Efficiency Test
- DPF Ash Accumulator Reset

- Calibration
- Idle Speed Adjustment
- Speed Limit
- Cruise Control
- PTO
- Idle-Stop System

- Coolant Level Switch
- Exhaust Brake Valve
- Vehicle Speed Controller
- Intake Air Preheating
- Air Conditioner

- Oil Pressure Sensor
- Electronic Fan
- ABS
- Automatic Transmission

### Truck Brand Coverage

Mercebes-Benz	Freighliner	Hino
Volvo	International	Fuso
Daf	Kenworth	Isuzu
Man	Peterbilt	UD
Scania	Stering	etc.
lveco	Western Star	
Renault	Mack	

CPU	120MHz	
Power Consumption	≤3W	
Input Voltage	9~36V	
Working Temperature	-10°C~50°C	
Diagnostic Communication	Bluetooth/Wi-Fi/USB	
Dimension	204x110x45(mm)	

X-431 PRO3 HD is an intelligent diagnostic tool that perfect for repair shops who work on cars and trucks from 12V to 24V.





### **Features**

- Brand new tablet integrated with comprehensive heavy duty coverage
- Empower you to diagnose light, medium & heavy duty vehicles
- Flexible options for USB, Bluetooth, and Wi-Fi connection
- Basic functions include Read & clear DTC, VIN scan, wireless connection, diagnostic record review, bi-directional test, etc
- Calibration: Idle Speed Adjustment, Speed Limit, Cruise Control, Idle-Stop System, PTO, Coolant Level Switch, Exhaust Brake Valve, Intake Air Preheating, Vehicle Speed, Controller, Air Conditioner, Oil Pressure Sensor, Electronic Fan, ABS, Automatic Transmission

#### 13 Service Functions

- DPF Regeneration
- Injector Coding
- Reset Service(MIL) Maintenance Confirmation
- Particulate Filter Replacement Reset
- Reset Pressure Differential Sensor
- Injection Quantity Adjustment
- Reset Pressure Limiting Valve Bleeding
- The Adblue Circuit
  - Trip Reset
  - Parked SCR Efficiency Test
  - DPF Ash Accumulator Reset

#### **Truck Brand Coverage**

Mercebes-Benz	Man	Renault	Kenworth	Western Star	Fuso	UD
Volvo	Scania	Freighliner	Peterbilt	Mack	Isuzu	etc.
Daf	lveco	International	Stering	Hino		

### **Specification**

-			
VCI	X-431 HD III		
СРИ	120MHz		
Power	≤3W		
Input voltage	9~36V		
Working temperature	0℃~ 50℃		
Communication mode	Bluetooth&Wi-Fi&USB		
Dimension	204x110x45(mm)		

• VGT Electronic Actuator Installation And Calibration

Host	X-431 PRO3		
Display	10.1" touch screen 1920x1200		
CPU	1.8GHz Octa-core		
Storage	32GB(expandable up to 128GB)		
Camera	Rear 8MP, Front 5MP		
Wi-Fi	Dual Band 2.4&5GHz		
Dimension	267x191x33(mm)		

With upgraded hardware and brand new design, Launch O2-1 Scopebox is a versatile and portable module for general workshop use, to test individual components of vehicle electronic circuits.

**4 Channel Digital** Plug & Play Compatible with X-431 PADV II, X-431 PADV, X-431 PADIII

### **Specification**

Channels	4		
Bandwidth	100MHz		
Rising time	≤3. 5ns(typical)		
Accuracy	±3%		
Input impedance	1MΩ±1.5%		
Input type	Single-ended, BNC connector		
Input coupling	DC, AC		
Overload protection	±200V on single input		
Timebase ranges	50ns~1ks(1 channel), 100ns~1ks (2 channels), 200ns~1ks(4 channels)		
Vertical resolution	8bits		
Buffer memory	50M(for four channels)		
Power interface	USB port, DC IN port		
Data exchange via	USB		
Trigger mode	Normal, Auto and Single SEQ		
Advanced triggers	Edge, Pulse width		



### **Features**

- Advanced features such as waveform buffers. advanced triggers are supported
- Records and plays back high-res waveform data for future analysis
- Built-in square wave signal generator ensures verification of accuracy&calibration
- Online software update
- Multi language support

### **S2-2 Sensorbox**

Launch new S2-2 Sensorbox is designed to test and simulate most vehicle sensors, quickly troubleshooting the ECU. It can be compatible with Launch scanner X-431 PAD V and X-431 PADIII, to maximize the repair shop's revenue.

Frequency, Voltage, Resistance Compatible with X-431 PADV II, X-431 PADV, X-431 PADIII

### **Specification**

Number of Channel	2	
Voltage Simulation Range	0-20V	
Max. Output Current	20mA	
Square Wave Signal Pulse Frequency	0-15KHz	
Square Wave Signal Duty Cycle	0-100%	
DCV Simulation	Support	
Frequency Simulation	Support	
Multimeter	Support	
Operating Temperature Range	0℃~50℃	
Storage Temperature Range	-30°C~70°C	
Certificate	CE,FCC,Rohs	

### **Features**

- Check the ECU itself works or not
- It supports manual write the waveform data
- Simulate working condition of sensors without replacing parts
- Simulate some special working condition of sensors without replacing parts
- Be used as Multimeter to measures resistance, voltage AC/DC, capacitance, frequency and pulse signals, etc
- One click to enters the intuitive menu of Sensor, Actuator, Defined/drawn the waveform, Timing waveform, Multimeter, System settings

Introducing a sleek and ergonomic printer to go for your PRO / PRO 3 / PAD II/PAD III/PAD V/PAD V II. Print codes and their definitions, along with Live Data, coding information and relearn procedures – any screen that has a "Print" button can now be printed! It fits right in your pocket and makes printing fast and easy!

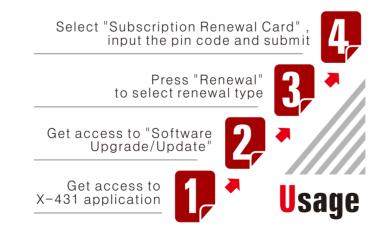
### **Features**

- "Wi-Fi Printer" (via Wi-Fi): for X-431 PRO/ PRO 3/PAD II/PADIII/PADV/PADV II
- No PC printer necessary for printing
- Print codes, code definitions, module information, Live Data, coding information, diagnostic procedures...

- Autoload & feed printer design
- Highly portable, sleek, ergonomic & lightweight design
- Rechargeable lithium ion battery lasts days on a single charge
- Automatic battery charge indicator
- Including form fitting storage box (packaging), 2 pcs.thermal paper, connector cable & charger
- This module only can work with X-431PAD II and X-431PAD III

### **Subscription Renewal Card**





Software payment and renewal. Only for LAUNCH product.









#### **Supported Brands**

- VW, Audi, Skoda, SEAT, BMW, Mercedes-Benz,
- \* More models continue to be updated...

#### **Supported Systems**

• Engine system, Automatic transmission, Instrument system, CAS, Body system, Lock system...

#### **Compatible With**

■ X-431 PRO GT, X-431 PRO V4.0, X-431 PRO 3 V4.0, X-431 PRO 5, X-431 PAD III V2.0, X-431 PAD V, X-431 PAD VII





Key Chip Read&



-PROG



-PROG 3

Anti-theft password Anti-theft Component

### **Comparison Chart**

•		
Item	X-PROG	X-PROG 3
EEPROM Read & Write	N	Υ
MCU Read & Write	N	Υ
Mercedes-Benz keys	N	Υ
Key simulator	N	Υ
VW Fourth-generation Dump Mode All Keys Lost	N	Y
Read engine in BENCH mode	N	Υ
VW Fourth-generation Enumeration All Keys Lost	N	Υ

Item	X-PROG	X-PROG 3
Read gearbox data	N	Y
Read & Write keys	Υ	Υ
Read BMW engine INS code	N	Υ
Replace OBD reading component	Υ	Υ
Read & Write BMW CAS4+ and FEM chips	N	Y
Read engine in Boot mode	N	Υ
Read & Write Audi fifth-generation steering column chips	N	Y

Item	X-PROG	X-PROG 3
Interface	DB15	DB26, DB15
Input Power	DC12V	DC12V
Working CurrentMax	200mA	500mA
Power Consumption	2W	5W
Storage Temperature	-20°C ~70°C	-20°C~ 70°C
Working Temperature	-10~50°C	0℃~ 50℃
Size	142x72(mm)	228x120(mm)