X-431 PAD VII Introduction

---Intelligent Diagnostic Tool based on Android System

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01 Product Introduction

X-431 PAD VII is a high-end comprehensive diagnostic tool with charging base newly developed on the basis of Android 9.0. It supports dual 2.4GHz &5GHz Wi-Fi communication,

In addition to supporting the functions of padv products, it mainly features 13.3inch high-definition display, 8 + 256 storage space, especially with SmartLink C, which can support SmartLink remote diagnosis.

X-431 PAD VII
SN:98001xxxxxxx

01 Product Design Sketch

Dimension：13.9*9.3*2.8inch

Soft rubber corner protector

Corner Protector

Handle

Hi-res Camera
Front: 8 Megapixel
Rear: 13 Megapixel

HDMI/card

I/O
USB Type-C
USB Type-A

DC IN

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Ultra big Touchscreen
13.3"IPS, 1920*1080

Wristband

Wristband-design，More convenient to hold

Adjustable Kickstand
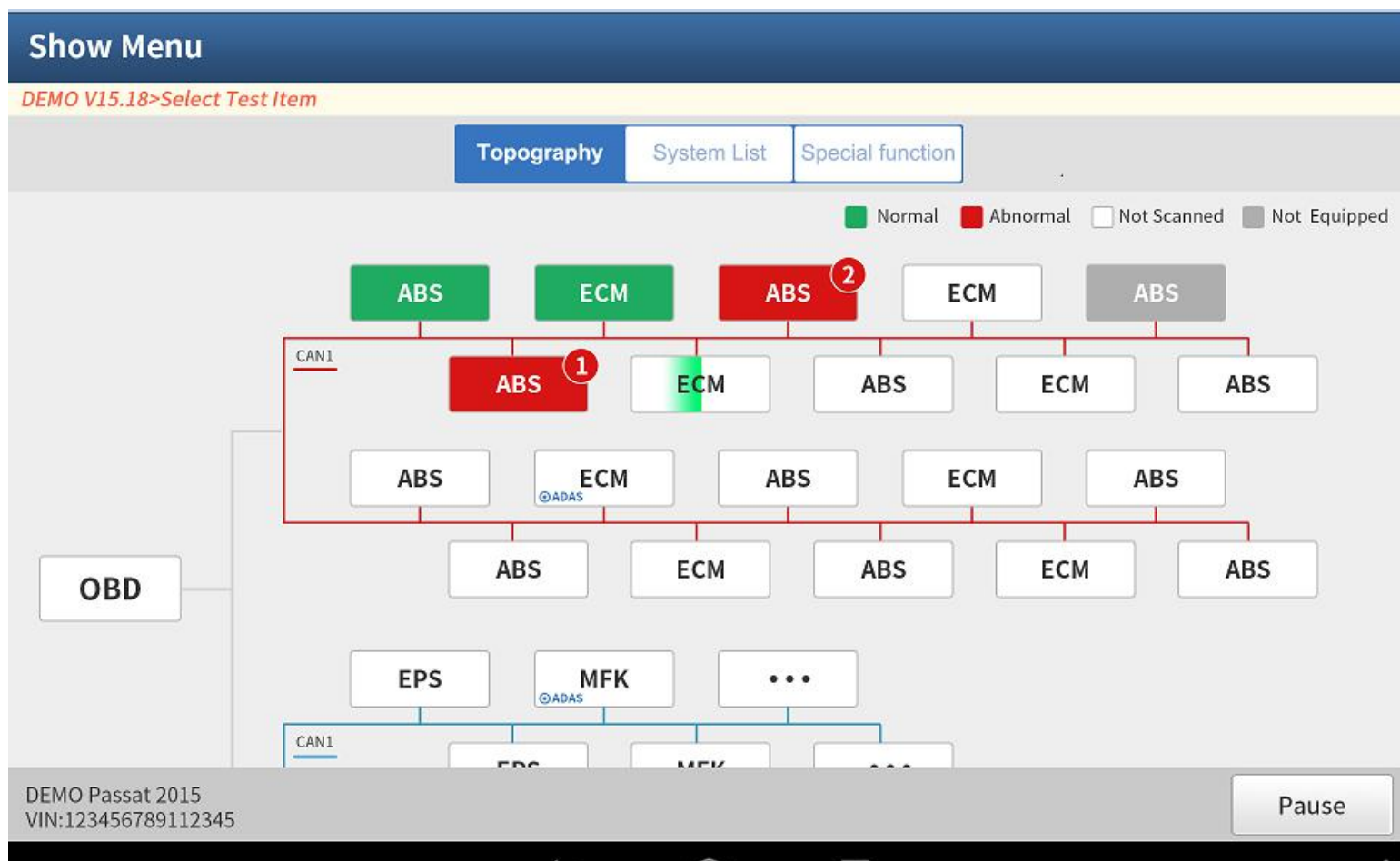Damping shaft, nearly 180 adjustment degrees , support hanging, supporting and normal three modes.
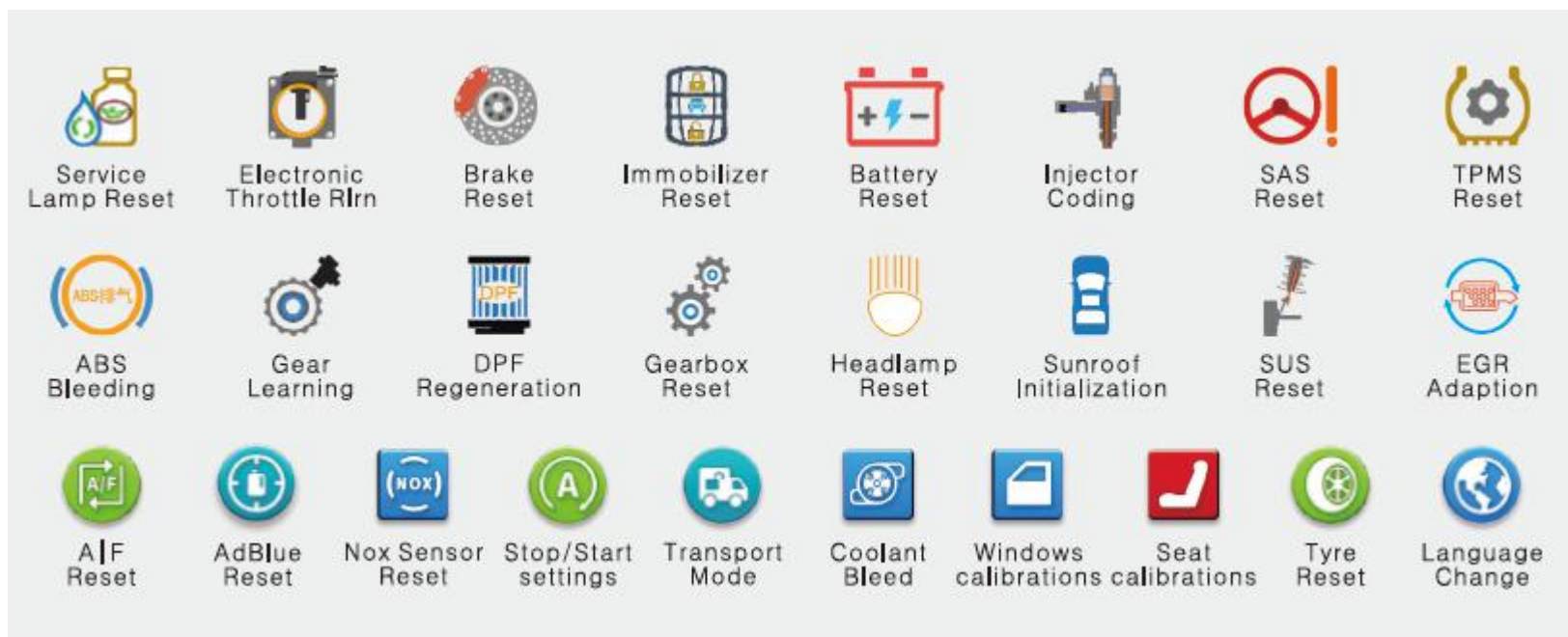
01 Product Design Sketch

USB

RJ45 USB 3.97-Inch screen

02 Product Features and Functions

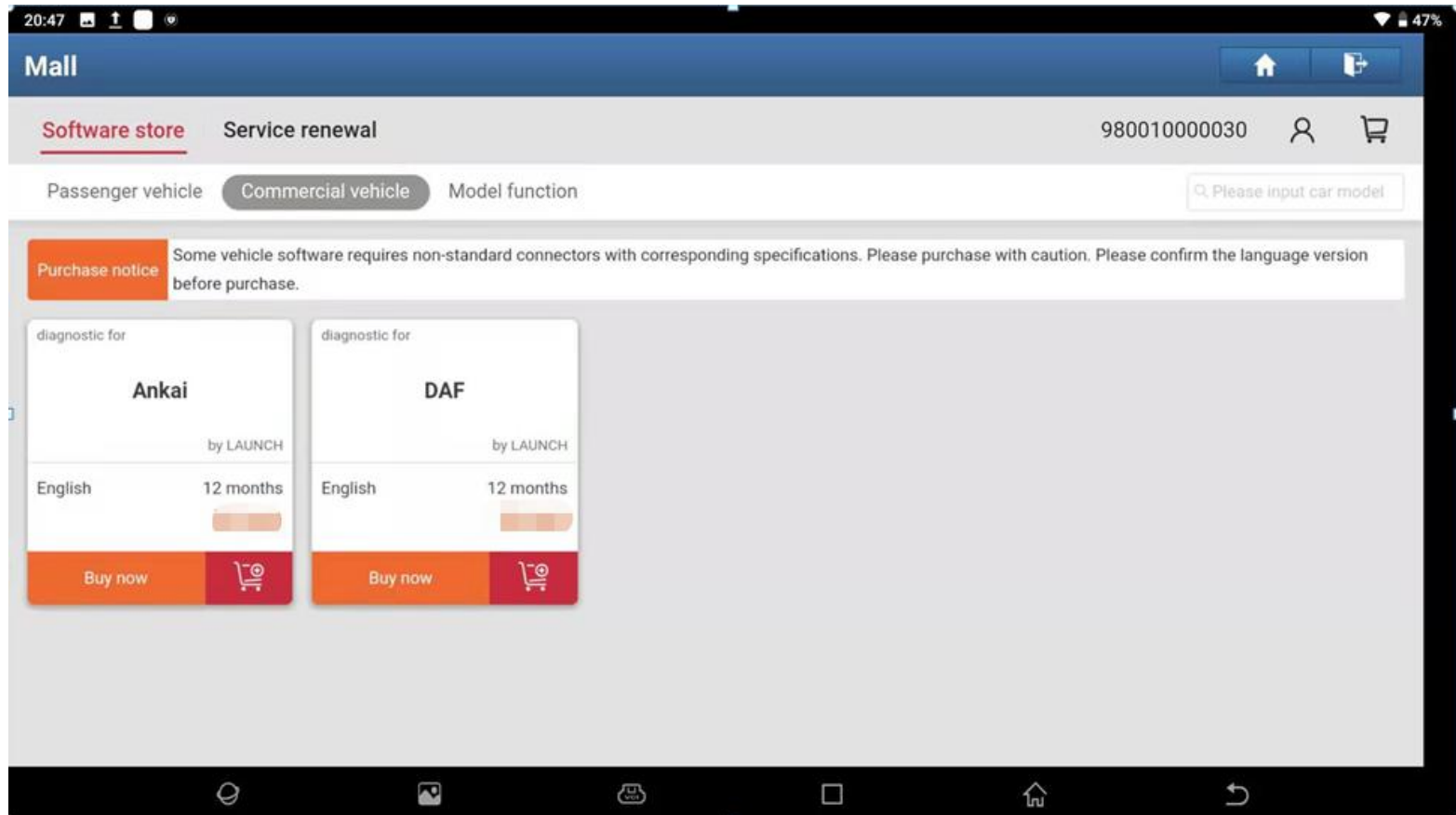✓Check the DTCs and all systems communication status visually by topology module mapping function.

02 Product Features and Functions

✓ Support total 26 special functions, including service lamp reset, throttle adaptation, steering angle reset, brake pad reset, tire pressure reset, anti-theft matching, ABS bleeding, battery matching, gear learning, injector coding…

Service Lamp Reset	Electronic Throttle Rlrn	Brake Reset	Immobilizer Reset	Battery Reset	Injector Coding	SAS Reset	TPMS Reset
ABS Bleeding	Gear Learning	DPF Regeneration	Gearbox Reset	Headlamp Reset	Sunroof Initialization	SUS Reset	EGR Adaption
A|F Reset	AdBlue Reset	Nox Sensor Reset	Stop/Start settings	Transport Mode	Coolant Bleed	Windows calibrations / Seat calibrations	Tyre Reset	Language Change

02 Product Features and Functions

✓ More softwares can be available to purchase separately on the Mall as demanded.
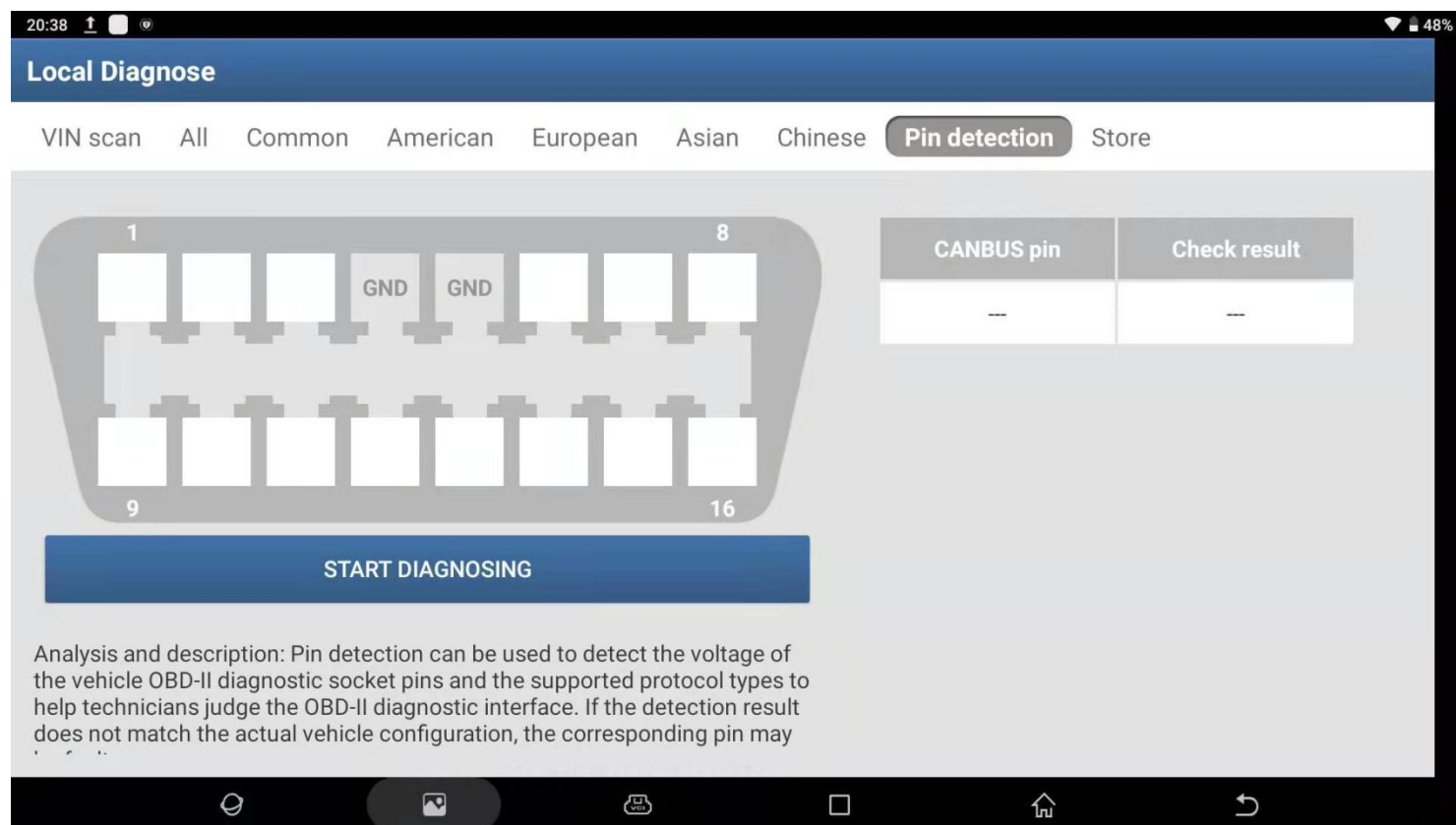
02 Product Features and Functions

Smartlink C is a new generation intelligent diagnostic box with Linux system independently developed by Launch, which supports multiple communication modes (USB, BT, WIFI) and multiple diagnostic protocols.

It can be used alone as a remote diagnosis box for SmartLink remote diagnosis, or as a pass-thru tool to connect with OEM software.

✓Support D-PDU / J2534 / RP1210 diagnostic standard, and cover passenger cars and commercial vehicles at the same time

✓Support the latest diagnosis protocol of CAN/DOIP / CAN FD

✓Support 2.4G/5G dual band

✓ Support online upgrade

02 Product Features and Functions

✓Auto-detects the communications protocol of the vehicle uses, assist to check OBDII connector pin damaged or not.

02 Product Features and Functions

✓ Support oscillograph, sensor, battery test, endoscope, Wi-Fi printer, TSGUN, Immobilizer,etc.
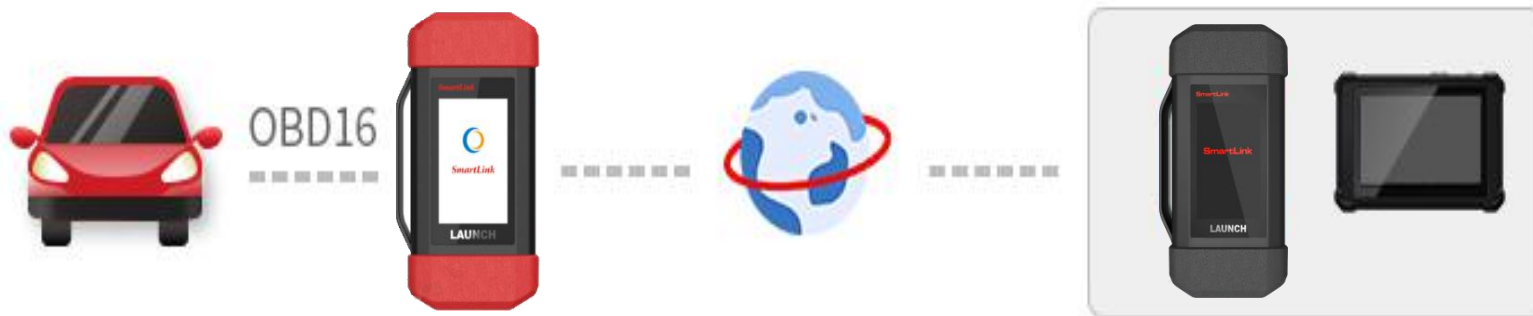
02 Product Features and Functions

✓ Check the DTCs and all systems communication status visually by topology module mapping function.

✓ Wide vehicle model coverage, powerful diagnostic functions (intelligent diagnosis, remote diagnosis, read DTC, clear DTC, read data stream, actuation test), accurate diagnostic data, and abundant special functions.

✓ Display I/M Readiness Status.

✓ Read data stream: Support diverse data stream display modes and user-defined standard data stream.

✓ Local diagnose: When the intelligent diagnosis is not available in an environment without network, choose traditional diagnosis. Select the vehicle make and model manually to perform the vehicle detection.

✓ Software upgrade: Support one-click upgrade of operation system, client side, car model software and firmware.

✓ Diagnostic feedback: For model software and function errors met during the use, please submit the feedback immediately. LAUNCH will response as soon as possible.

03 Smartlink remote diagnosis introduction

SmartLink Remote Diagnostics is a brand new remote diagnostic technology that better links remote assistance demanders with professional technicians through the bridge role of SmartLink remote diagnostic service open platform. Professional technicians can carry out remote diagnostic operations on PCs (with J2534 driver and OEM software installed) to assist in the completion of remote diagnostics after users use SmartLink C connector as a J2534 Pass Thru device and connect it to the Ethernet.

Remote technician

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03 Smartlink remote diagnosis introduction

Open remote service platform

WEB-based open platform, facilitating the completion of online connection between remote diagnostics demanders and remote diagnostic service providers

Dual diagnostic modes

- Support local diagnostic mode and SmartLink remote diagnostic mode;
- support functions of original Smartbox3.0 in local diagnostic mode and J2534 remote diagnostic function can be performed in SmartLink remote diagnostic mode;
- diagnostic mode can be switched automatically according to the connection status of RJ45

PC remote diagnostics

- As J2534 Pass Thru Tool, support remote connection with OEM software to complete remote diagnostics, support OEM software of multiple brands

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04 Product Parameters

X-431 PAD VII Parameters	
Cache	8GB
Hard Disk	256GB,
System	Android 9
Screen	13.3 inch full-fitting, sunlight readable screen (Gorilla Glass)
Resolution	1920*1080
Wi-Fi	Support 2.4GHz&5GHz dual frequency
Camera	Rear13 Megapixels, front 8 Megapixels
Battery	9,360 mAh@7.6V/71.1Wh
Diagnostic Mode	Wi-Fi
Work Temperature	0~50℃
Dimension	13.9*9.3*2.8inch

04 Product Parameters

VCI Parameters	
Display Screen	3.97-Inch single-touch screen, 320*480
Working Voltage	DC 9V ~ 36V
Communication Method	Local diagnostic mode: WIFI/USB Remote diagnostic mode: Ethernet
Wi-Fi	Support 2.4G/5G dual band
USB	Type B USB 2.0
Storage	8GB
Memory	256M
Power Consumption	< 6W
Working Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Storage Humidity	10%~90%
Dimension (length*width*height)	204mm x 110mm x 45mm

Thank you!