



TPMS

Product Catalog 2025

Providing workshops with specialized Tire Pressure Solutions

THINKCAR

LEADING TECH IN DIAGNOSTICS

VENU 701

Tire Maintenance Remote Service Terminal



Video Remote



TPMS Diagnostics



AI TPMS



34 Maintenance
Functions



Multiprotocol

VENU 701 Features:

Full TPMS Service



Read and Clear DTC's



Live Data Stream



Actuation Test



Advanced Coding



Online Programming



Software Subscription:



Passenger Software
(included)

Specifications

Operating System Android 10.0

Screen Size 5-Inch Touch-Display

ROM/RAM 64GB / 4GB

Battery 3.150mAh / 3.8V

Camera 8 MP

Years of warranty:



For further information, please scan
the QR code to visit our website:
www.thinkcareuro.com

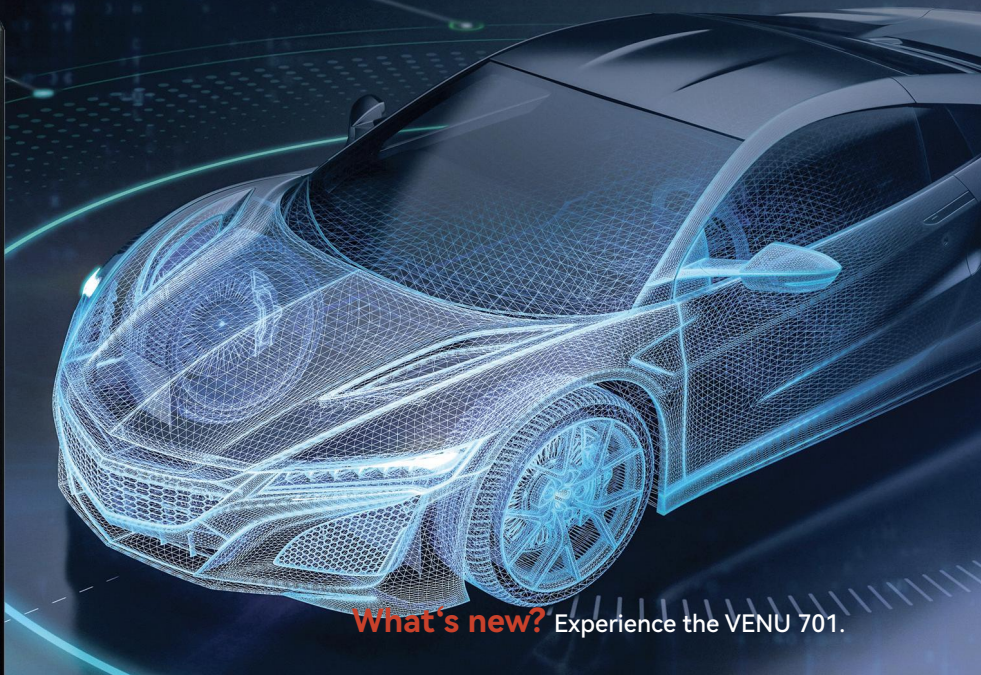
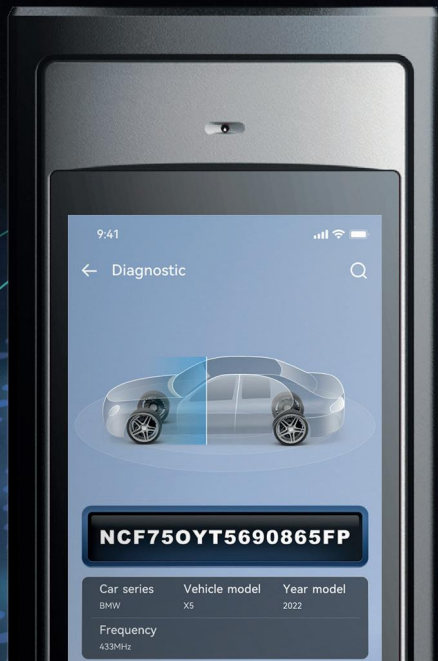


The Ultimate Smart Solution for TPMS Diagnostics

Revolutionize your workshop with the THINKCAR VENU 701, a next-generation remote service terminal designed for precision, speed, and convenience.

Combining powerful local diagnostics with real-time video support, it brings AI-powered TPMS functions, instant VIN recognition, and intuitive Q&A assistance to your fingertips. Effortlessly perform sensor activation, learning, and programming, alongside full-system diagnostics and 34 essential maintenance tasks.

+34 Maintenance Functions



What's new? Experience the VENU 701.

Next-Level TPMS Diagnostics, Built for Precision.

The THINKCAR VENU 701 goes beyond basic scanning to deliver complete TPMS diagnostics with professional-grade accuracy.

Effortlessly support tire pressure relay activation, sensor reading, fault diagnosis, learning, and programming – all from one intelligent device. Whether you're servicing a single vehicle or managing a busy workshop, the VENU 701 streamlines every step of the TPMS process, ensuring faster turnarounds and smarter results.

Accurate Diagnostics. Intuitive programming. Smart integrated AI.



Auto VIN Code

THE VENU 701 automatically reads the VIN code of the vehicle



AI TPMS

Helpful AI-driven Q&A Assistant



Full-system Diagnostics

Read and clear DTCs, access real-time data streams, and perform active system tests with ease.



OE-Level TPMS Diagnostics

Step into the future of automotive service with the THINKCAR VENU 701 - a powerful diagnostic terminal that brings OE-level precision to your workshop.

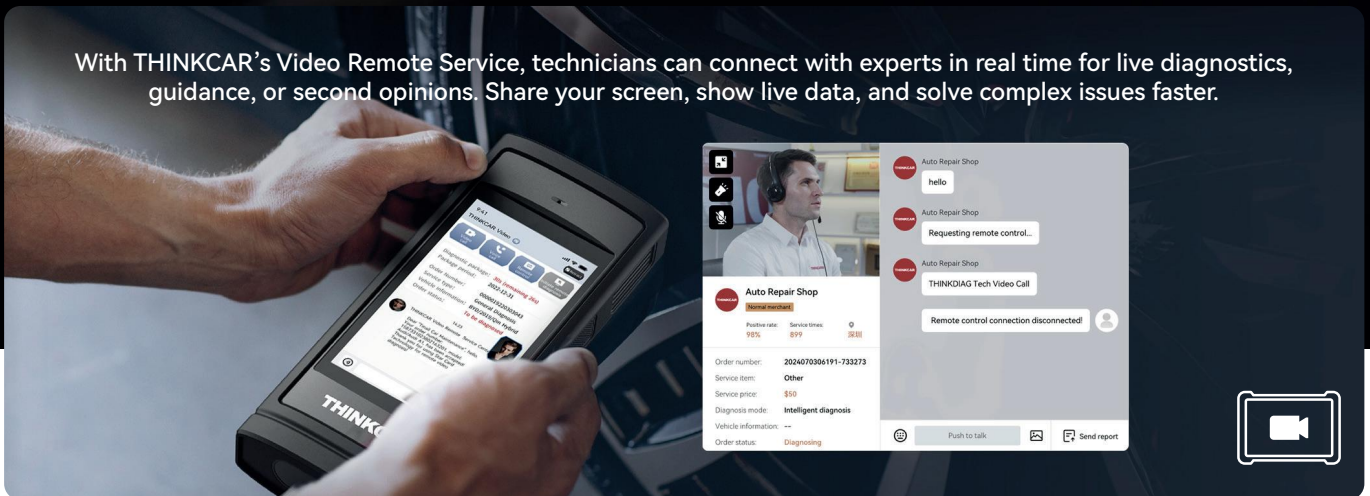
Combining advanced local diagnostics with real-time video support, it delivers fast, intelligent service wherever you are. The VENU 701 supports the latest protocols including CAN 2.0, DoIP, and CAN FD, ensuring full compatibility with modern vehicles. From reading and clearing fault codes to live data streaming, bi-directional control, and advanced coding, it puts dealer-level diagnostics in the palm of your hand.

Built for speed, powered by AI, and designed to simplify complexity - the VENU 701 turns every job into a smarter, faster, and more professional experience.



Support needed? Explore THINKCAR's Video Remote Service.

With THINKCAR's Video Remote Service, technicians can connect with experts in real time for live diagnostics, guidance, or second opinions. Share your screen, show live data, and solve complex issues faster.



What's inside the box?

- 1x VENU 701, 2x VENU 5 TPMS Sensor,
- 2x DB30 Main Diagnostic Cable, 1x Adapter 5V/2.5A (without Charging Cable), 1x Universal TPYE-C to USB Cable
- 1x User Manual, 1x Packing List, 1x Password Letter

Vehicle Coverage TPMS:

Please scan the QR Code to see the full TPMS coverage list:



VENU 5

Programmable Universal Tire Pressure Sensor



A variety of valve
stem options



Supports 98% of
the Vehicles



Unlimited
Programming



Replace OE
Sensors

VENU 5 Features:

Pressure Monitoring	0-930kPa
Pressure Accuracy	±5kPa
Temperature Accuracy	±5°C
Operating Temperature	-40°C to +125°C
Storage Temperature	-40°C to +125°C
Acceleration Temperature	±15%
Operating Humidity	≤92%

Certifications:

CE, FCC, IC, ROHS, CP65, IP67, MSDS (Air and Sea Transport Certification)

Specifications

Model	VENU 5 Pro
Battery Life	4-6 years
Weight	25g
Size	71.78 x 42 x 27.34mm
Waterproof Rating	IP67
Years of warranty:	



For further information, please scan
the QR code to visit our website:
www.thinkcareuro.com



Unleash Tire Pressure Precision.

The THINKCAR VENU 5 is a universal TPMS sensor designed for seamless OE-level performance. With dual-frequency support (315MHz & 433MHz), fast programming, and 98% vehicle coverage, it ensures reliable tire pressure monitoring. Durable, efficient, and easy to install.

VENU 5 is the smart choice for professionals and drivers alike.



Powerful Features. Explore the VENU 5 Sensors.

Supports 98% Vehicles

315 MHz & 433 MHz Dual Frequency



Powerful Sensor

Equipped with an upgraded NXP chip for enhanced signal strength, enabling faster programming and activation



Replaces OE Sensors

The VENU 5 can copy OE data and replaces OE sensors



What's combinable? Explore the VENU eco system.

Seamlessly integrate our cutting-edge Sensors with both the VENU 90 and VENU-i Pro - unlocking the full potential of the VENU ecosystem for smarter, more connected performance.



VENU 5

Programmable Universal
Tire Pressure Sensor



VENU 5 Pro

Programmable Universal Tire Pressure Sensor



Black
Metal

Gray
Metal

Black
Rubber

A variety of valve
stem options



Supports 98% of
the Vehicles



Unlimited
Programming



Replace OE
Sensors



Small & Light

VENU 5 Pro Features:

Pressure Monitoring	0-930kPa
Pressure Accuracy	±5kPa
Temperature Accuracy	±5°C
Operating Temperature	-40°C to +125°C
Storage Temperature	-40°C to +125°C
Acceleration Temperature	±15%
Operating Humidity	≤92%

Certifications:

CE, FCC, IC, ROHS, CP65, IP67, MSDS (Air and Sea Transport Certification)

Specifications

Model	VENU 5 Pro
Battery Life	4-6 years
Weight	24g
Size	71.78 x 27.31 x 24.85mm
Waterproof Rating	IP67
Years of warranty:	



For further information, please scan
the QR code to visit our website:
www.thinkcareuro.com



Advanced Control, Maximum Coverage.

The THINKCAR VENU 5 Pro takes TPMS technology further with dual-frequency support, stronger signal transmission, and wider compatibility. Engineered for precision and speed, it programs in seconds and fits 98% of vehicles. Reliable, efficient, and built to last.

It's the pro's ultimate TPMS Sensor solution.



Powerful Features. Explore the VENU 5 Sensors.

Supports 98% Vehicles

315 MHz & 433 MHz Dual Frequency



Powerful Sensor

With a stronger signal, which option demonstrates faster performance in programming and activation.



Replaces OE Sensors

The VENU 5 Pro can copy OE data and replaces OE sensors



What's combinable? Explore the VENU eco system.

Seamlessly integrate our cutting-edge Sensors with both the VENU 90 and VENU-i Pro - unlocking the full potential of the VENU ecosystem for smarter, more connected performance.



VENUS 5 Pro

Programmable Universal
Tire Pressure Sensor



VENU 7BT

Bluetooth Tire Pressure Sensor

Only for Tesla Models



Only for Tesla



Replace OE
Sensors



High Standard



Low-Power
Consumption

VENU 7BT Features:

Pressure Monitoring	0-800kPa
Pressure Accuracy	±10kPa
Temperature Accuary	±3°C
Operating Temperature	-40°C to +105°C
Storage Temperature	-40°C to +105°C
Operating Humidity	±90%
Bluetooth Frequency	2.4GHz BLE

Certifications:

CE, FCC, IC, ROHS, CP65, IP67, MSDS (Air and Sea Transport Certification)

Specifications

Model	VENU 7BT
Battery Life	4-6 years
Weight	32g
Size	71.78 x 61 x 27.34mm
Waterproof Rating	IP67
Years of warranty:	



For further information, please scan
the QR code to visit our website:
www.thinkcareuro.com



Smart Sensoring, Made for Tesla.

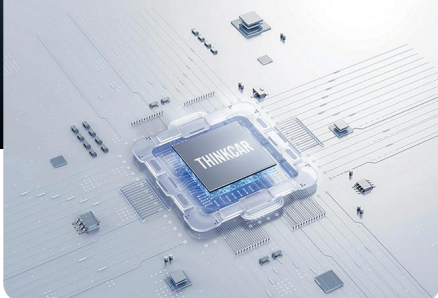
Experience next-gen tire monitoring with the THINKCAR VENU 7BT - Bluetooth-enabled and tailor-made for Tesla. Designed for Models 3, Y, S, and X, it pairs automatically with your vehicle, no tools or apps needed. Delivering real-time, OE-accurate data with effortless setup, VENU 7BT ensures your Tesla drives smarter, safer, and more connected - right from the first mile.



Powerful Features. Explore the 7BT Sensors.

High-End Configuration

Adopting 2.4GHz BLE wireless technology with highly integrated chips and automotive grade components



Replace OE Sensors

Effortlessly copy OE data and upgrade to precision-engineered replacement sensors



Low-Power Consumption

Minimal energy, maximum efficiency



Specially designed for Tesla

Precision Meets Innovation - The VENU 7BT Sensor for Tesla

Engineered exclusively for Tesla vehicles, the VENU 7BT Sensor offers seamless integration, superior performance, and advanced technology tailored to your Tesla's needs. From precise monitoring to enhanced safety features, this sensor is the perfect match for the uncompromising quality Tesla drivers expect.

Compatible with the following Tesla models:



Tesla Model 3
(Jan 2020+)



Tesla Model S
(Jun 2021+)



Tesla Model X
(Jan 2021+)



Tesla Model Y
(Oct 2020+)

VENU 7BT

Bluetooth
Tire Pressure Sensor



VENU 90

TPMS Activation & Diagnostic Tool



Supports 98% of
the Vehicles



TPMS Diagnostics



Works
Independently



Wifi Upgrade

VENU 90 Features:

WIFI	WIFI Upgrades
Bluetooth	Dual Mode 5.0
USB Port	Type-C
Operating Temperature	-10°C to +50°C
Storage Temperature	-20°C to +60°C
Diagnostic Connector	OBDII-16
Languages	Supporting 14 languages

Certifications:

CE, FCC, IC, ROHS, CP65
Battery Certifications: MSDS, UN38.3

Specifications

Model	VENU 90
Screen Size	2.8-Inch (320x240px)
Size	205 x 89 x 33.5mm
Battery	3.000mA/3.8V
Accessories	Type-C Cable 1m, User Manual

Years of warranty:



For further information, please scan
the QR code to visit our website:
www.thinkcareuro.com



Smart Programming, Made Simple.

Meet the THINKCAR VENU 90 – the intelligent TPMS programmer built for speed, accuracy, and ease. Activating, programming, and relearning sensors takes seconds, with full support for 315 and 433 MHz. No cables, no guesswork – just real-time data, Wi-Fi updates, and OE-level precision in one sleek, ready-to-go tool.



TPMS Diagnostics

The THINKCAR VENU 90 supports diagnose vehicle tire pressure system and full OBDII functions through vehicle OBDII port, including read and clear fault codes, read data stream etc.



Freeze Frame



Clear Codes



Live Data



Read Codes



EVAP System Test



O2 Sensor Test



On-Board Monitor Test



DTC Lookup



I/M Readiness



Smog Check

What's new? Experience the VENU 90.

Total Sensor Control, One Tap Away.

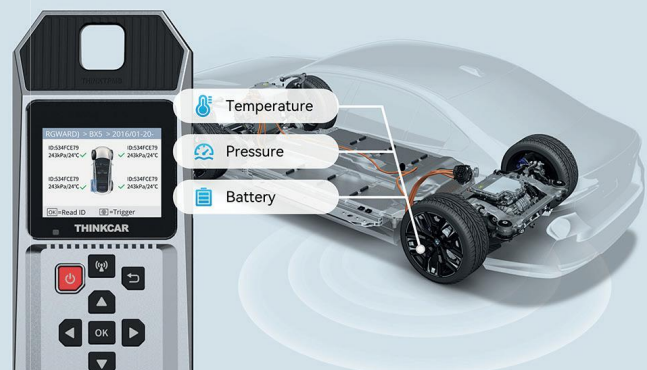
Effortlessly activate TPMS sensors with the THINKCAR VENU 90. Compatible with both 315MHz and 433MHz frequencies, it reads sensor ID, tire pressure, temperature, and battery status with pinpoint accuracy.

Fast, reliable, and workshop-ready. Get complete tire insight in seconds.

The VENU 90 is capable of programming up to 12 VENU sensors simultaneously, offering fast programming and improving work efficiency.



Supporting sensor activation for more than 98% of vehicles equipped with tire pressure sensors.



Compatibility

THINKCAR VENU 90 can program all THINKCAR produced sensors, including S3, VENU 5 and VENU 5 Pro Sensors.



TPMS Sensor Programming

Program sensors your way with the THINKCAR VENU 90 – Auto Create, Manual Create, or Copy ID – for fast, flexible, and hassle-free TPMS setup.



VENU 90

TPMS Activation & Diagnostic Tool



VENU-i Pro

Intelligent TPMS Detection Tool



Mobile Application



Supports
Diagnostic Tools*



TPMS Diagnostics

*Supports only THINKCAR Diagnostic Tools

VENU-i Pro Features:

Operating System	ARM
Bluetooth	Dual Mode 4.2
USB Port	Type-C
Operating Temperature	-10°C to +50°C
Storage Temperature	-20°C to +60°C
Diagnostic Connector	-
Language	Chinese, English (Screen Display)

Certifications:

CE, FCC, IC, ROHS, CP65
Battery Certifications: MSDS, UN38.3

Specifications

Model	VENU-i Pro
Screen Size	1.77-Inch (128x160px)
Size	192 x 60 x 31mm
Battery	2.000mAh / 3.8V
Accessories	Type-C Cable 1m, User Manual

Years of warranty:



For further information, please scan
the QR code to visit our website:
www.thinkcareuro.com



Unlock Smarter Tire Service with Venu-i Pro.

Step into the future of tire maintenance with Venu-i Pro - the ultimate intelligent TPMS detection tool designed for speed, accuracy, and ease. Whether you're a professional technician or an auto service provider, the Venu-i Pro empowers you to detect, diagnose, and deliver with unmatched efficiency.

Dual Frequency

Supports activation of dual-frequency TPMS sensors at 315MHz and 433MHz.



What's new? Experience the VENU-i Pro.

One Tool. Two Possibilities.

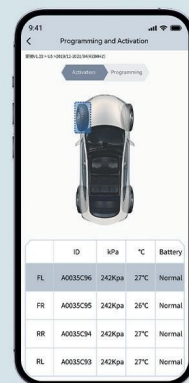
Seamless TPMS Access via THINKTOOL

Pair the Venu-i Pro with any THINKTOOL diagnostic devices (excluding models with built-in TPMS functionality) to access the vehicle's TPMS system via Bluetooth. This allows for quick, wireless diagnostics and sensor status checks with ease and precision.

Mobile Activation & Programming Made Easy

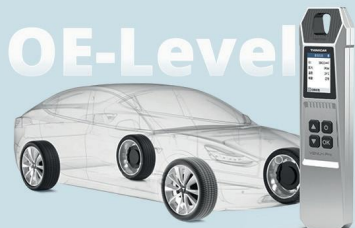
Download the Venu-i Pro App to effortlessly connect with OEM tire pressure sensors. Activate and program THINKCAR TPMS sensors directly through your mobile phone - anytime, anywhere.

Scan QR Code to download the i-VENU Mobile App (available for Android phones only)



OE-Level Diagnostics

Enables fast and reliable TPMS sensor activation, programming, and relearn procedures.



Supports THINKCAR Diagnostic Tools

excl. models with built-in TPMS functionality



VENU-i Pro

Intelligent TPMS Detection Tool



VENU-i Mini

Intelligent TPMS Detection Tool



Smart APP



TPMS Diagnostics



Dual Frequency

VENU-i Mini Features:

Operating System	ARM
WIFI	Firmware Updates via mobile App
USB Port	Type-C
Operating Temperature	-10°C to +50°C
Storage Temperature	-20°C to +60°C
Diagnostic Connector	-
Language	App Display Language

Certifications:

CE, FCC, IC, ROHS, CP65
Battery Certifications: MSDS, UN38.3

Specifications

Model	VENU-i Mini
Screen Size	No Screen
Size	165.5 x 48 x 36mm
Weight	117g
Accessories	User Manual

Years of warranty:



For further information, please scan
the QR code to visit our website:
www.thinkcareuro.com



Compact Design, Great Capability.

The VENU-i Mini is a small but powerful TPMS detection tool designed for professionals and DIY enthusiasts who need mobility without sacrificing functionality. About the size of a smartphone, it offers great TPMS diagnostics and can easily be connected to your smartphone.

Don't let the size fool you - it's a real tool for real work.

Dual Frequency

Supports activation of dual-frequency TPMS sensors at 315MHz and 433MHz.



What's new? Experience the VENU-i Mini.

App Intelligence in Your Pocket.

The VENU-i Mini is a compact sensor programming and activation tool that delivers serious intelligence through a powerful, app-driven platform. Built for professionals who value mobility and speed, it combines a smart, Android-based interface -all in a device that fits comfortably in your pocket. The App also provides access to repair information and enables searching supported vehicle models via OE number.

Designed for technicians who want more capability in less space, the VENU i Mini proves that great things really do come in small packages.

Scan QR Code to download the i-VENU Mobile App (available for Android phones only)



TPMS Diagnostics

Supports TPMS sensor activation & programming



	ID	kPa	°C	Battery
FL	A0035C96	242Kpa	27°C	Normal
FR	A0035C95	242Kpa	26°C	Normal
RR	A0035C94	242Kpa	27°C	Normal
RL	A0035C93	242Kpa	27°C	Normal

Dual Frequency

Supports activation of dual-frequency TPMS sensors at 315MHz and 433MHz



VENU-i Mini

Intelligent TPMS Detection Tool





THINKCAR

LEADING TECH IN DIAGNOSTICS

THINKCAR

LEADING TECH IN DIAGNOSTICS

Stay tuned! Follow Us on:

