



Wisdom Starry

## WS-ICT-100 Vision intelligent car

WS-ICT-100 vision intelligent car is a new generation product developed by wisdom starry technology to actively respond to the relevant requirements of the State Council on the development plan of new generation artificial intelligence for primary and secondary schools. The smart car realizes the comprehensive application of Python programming, deep learning training and visual intelligence technology. It is equipped with the advanced Jetson nano computing module in the industry. The WS-ICT-100 car has 1.5g quad core, 4G memory, 64g storage and a mini supercomputer supporting 472 gflops computing power. It can run multiple neural network applications simultaneously, such as image classification, object detection, object segmentation and natural language processing. It is also compatible with many smart accessories, including tracking objects, collision avoidance, and other AI powerful interactive case source code. Love cloud Gamma The car includes a complete robot chassis, wheels and controllers, as well as a lithium battery and an 8 megapixel camera. It is a combination of machine and artificial intelligence.

WS-ICT-100 vision intelligent car product aims to guide teenagers to practice the most popular AI deep learning framework in the world. Combined with the intelligent hardware on the smart car, as well as the complete video and teaching materials specially tailored for K12, the ws-ict-100 visual intelligent car product aims to guide teenagers to practice the most popular AI deep learning framework in the world Gamma With the help of real-time online engineers, young people who have just started to learn about the structure, function and implementation process of automatic driving vehicles can be quickly developed with the help of real-time online engineers. This smart car can let teenagers enter the AI world and feel the magic of the most popular neural network algorithm. However, artificial intelligence is not simple. It is worthy of in-depth study and research by interested friends to give full play to the unique innovative perspective of teenagers and open up new fields and heights.

	WS-ICT-100-basic	WS-ICT-100- primary	WS-ICT-100-intermediate	WS-ICT-100-senior
AI CORE	JETSON NANO	JETSON NANO	JETSON XAVIER NX	JETSON XAVIER NX
AI performance	472 GFLOPs	472 GFLOPs	21TOPs	21TOPs
RAM	4G	4G	8G	8G
Storage	16G	16+64G	16+128G	16+128G
car body	Plastic	Plastic	Metal	Metal
camera	5 megapixel	8 megapixel	Binocular 8 megapixel	Binocular 8 megapixel
laser gyroscope	Not involved	Not involved	Silan A1	SilanA1
Training handle	wired	2.4G	2.4G	2.4G
Software	OPENCV TensorFLOW	CUDA CUDNN OPENCV TensorFLOW CAFFE	CUDA CUDNN DEEPSTREAM OPENCV TensorFLOW CAFFE ROS	ROS SLAM CUDA CUDNN DEEPSTREAM YOLO OPENCV TensorFLOW CAFFE
Function	Object tracking and automatic obstacle avoidance	Object tracking and automatic obstacle avoidance	Object tracking and automatic obstacle avoidance,SLAM modeling	Object tracking and automatic obstacle avoidance, SLAM modeling