



CLICK TO SEE THE UGOT IN ACTION



Wheeled and Legged Robot

# UGOT

AI Educational Robotic Kit

- 17+ VISION ALGORITHMS
- 6+ SPEECH ALGORITHMS
- 7+ MOTION CONTROL ALGORITHMS



Fast assembly for  
**7 Unique Robots**





Mecanum Wheel Car



Quadruped Robot



Engineer Vehicle



Self-balancing Car



Spider Robot



Transforming Car



Human-Computer Interaction



Intelligent Speech



Machine Vision



Machine Learning



21st Century Skills



Digital Learning and Innovation

Open-Source Ecosystem



High-performance Computing



7+ Motion Control Algorithms

Self-balancing Car Algorithm

Odometry Algorithm

Robotic Arm Motion Algorithm

Quadruped Locomotion Control Algorithm

Wheeled-leg Locomotion Control Algorithm



17+ Vision Algorithms

QR Code Recognition

Gesture Recognition

Facial Recognition

Color Recognition

OCR

Posture Recognition

License Plate Recognition

Custom Model Training

Facial Feature Recognition



6+ Speech Algorithms

VAD

ASR

TTS

NLP

360° Far-Field Speech Recognition