

TM Robot Training Kit

Modular × Education-focused × Ready-to-Teach



HIGHLIGHTS

- ✓ Ready-to-use Design
- ✓ Flexible Configurable Setup
- ✓ Modularized Learning Tools
- ✓ Education-focused, Industry-oriented



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TM Robot Training Kit continues the spirit of **modular** and **adaptive setup** design, a hands-on platform built for teaching. Its modular structure with a complete teaching plans, materials, and learning videos, empowering teachers to build practical materials that match the curriculum rapidly.

Besides applying in regular teaching, we envision the TM Training Kit as a versatile extensions for students, starting from research projects, competition prep, and building a comprehensive learning experience that integrates theory with practice.

Ready-to-use Design

- Dedicated arm storage
- Side-flip working area
- Power distribution panel drawer

Flexible Configurable Setup

- Aluminum extrusion structure design
- Modularized installation with flexible configurable setup

Modularized Learning Tools

- Including linear motion, stack light, AI Vision
- Mix and match multiple learning modules and plan your own course
- Complete teaching resources including lesson plans, student materials, and videos. Start your lecture right away



Education-focused, Industry-oriented

- Fully equipped teaching resources, class starts anytime
- One kit for all educational needs: Learning, certification, research, competitions.
- Industry competency aligned, allow seamless automation transition

Modular Course Overview

Robot Motion	Point creation, pallet motion, I/O control, linear motion and stack light control
2D Vision Positioning	Object Positioning, TM Landmark, Barcode Inspection, OCR Inspection, etc.
AI Vision Inspection	AI+ Classification, AI+ Object detection, AI+ Semantic Segmentation, AI+ Anomaly Detection

Hardware Specifications Overview

Storage Mode	Length : 1182mm, Width : 842mm, Height : 827mm
Expand Mode	Length : 1182mm, Width : 1474mm, Height : 827mm
Supported TM Robot Models	TM5-900, TM5S

