

MC6000 TC

Vision Controller

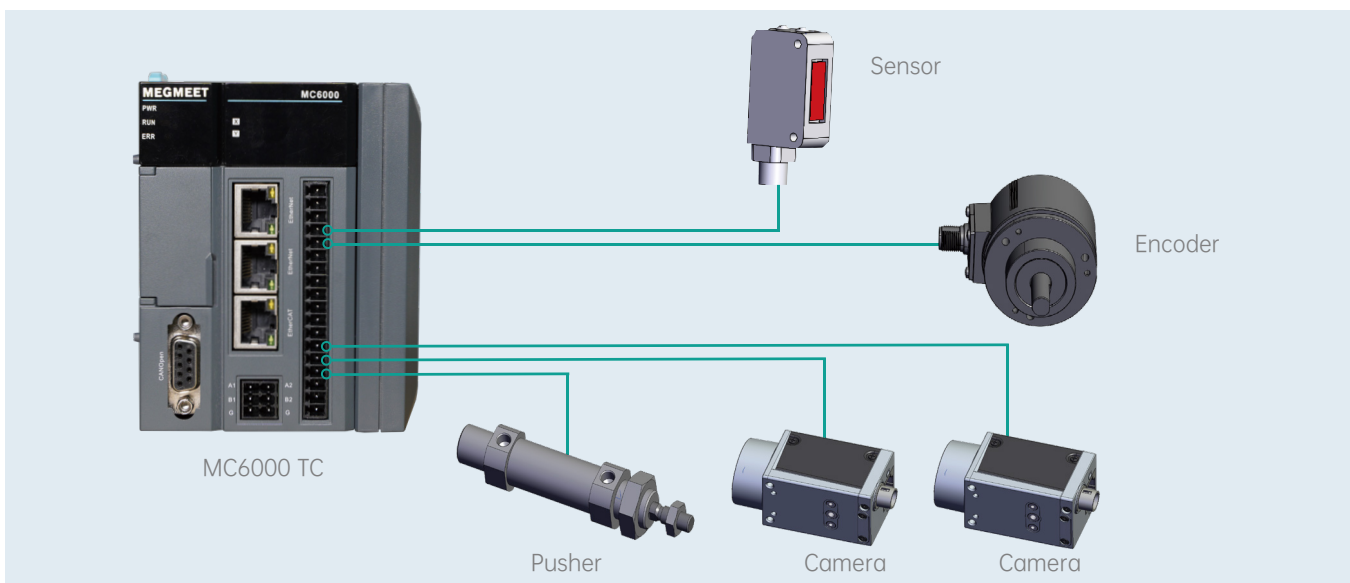
MC6000 TC Series is an embedded controller, developed by MEGMEET specially for vision system and applications. It can realize high-speed object tracking, triggering cameras, accurately activating the rejection devices. This controller can be extended for multi-camera vision systems. The controller is easy to configure without difficult programming.



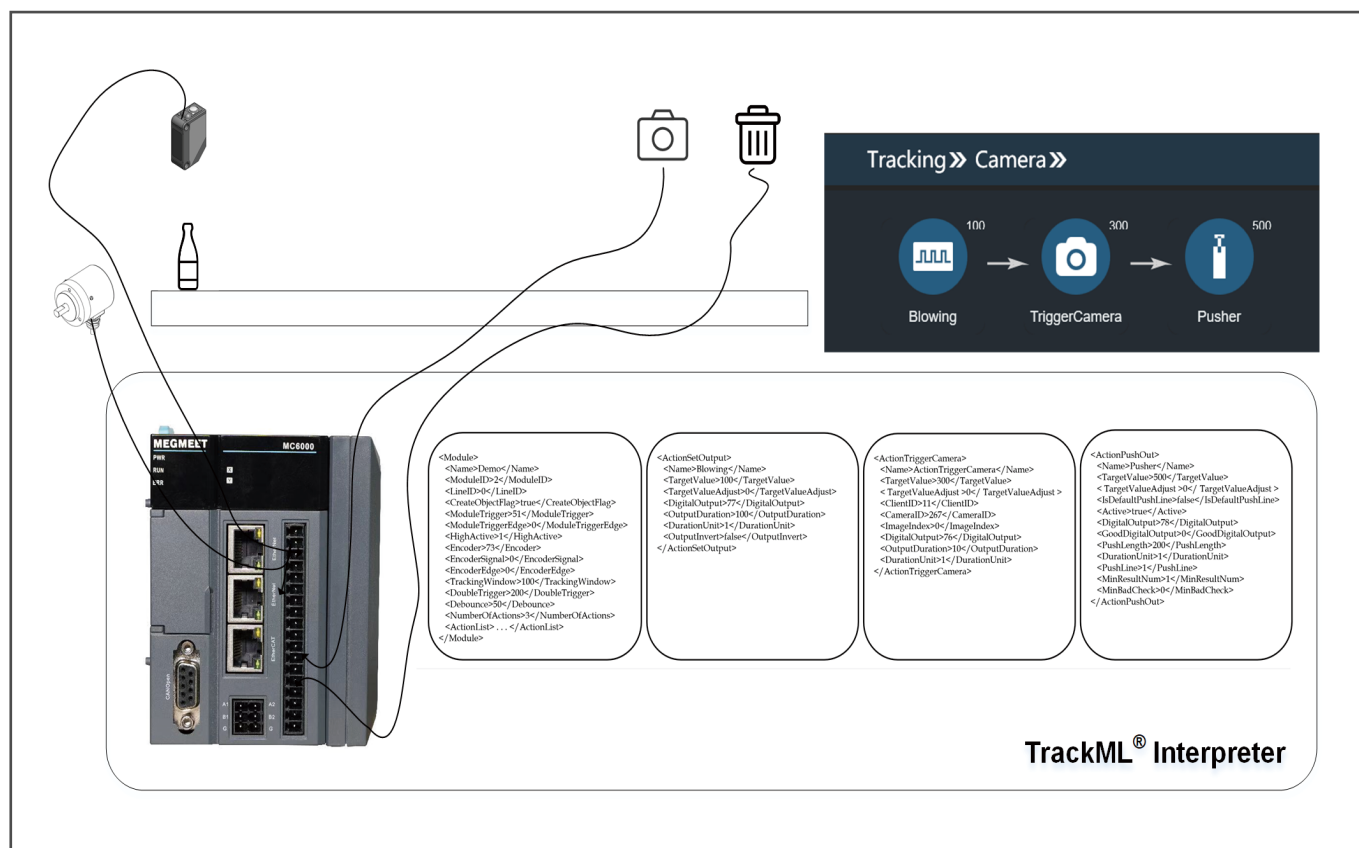
Features

- High real-time performance
- Short cycle time and jitter time for high trigger precision
- Easy configurable instead of programming, plug and play
- Good scalability, can be expanded by Extension module MC5000-C4, max. up to 4 cameras
- Object-Oriented tracking based on TrackML, a makeup language specially for vision system

System Architecture



TrackML Based Tracking



Performance Parameter

Item	Specification	
Dimensions	63mm(W) × 100mm(H) × 100mm(L)	
Voltage	Working voltage: 24V	
Current	Max. output current: 0.5A	
PIN number	18 Position	
Power voltage	Main module built-in rated power voltage: 24VDC(-15%/+20%); AC power supply module rated voltage: 220VAC; Allowed range: 100V~240V(85V~264Vmax.)	
I/O	Digital input channels: 2 Encoder channels: 4	Camera trigger channels: 2 Output channels: 4
Operating temperature range	-5°C~55°C	
Ingress protection	IP20	
Weight	480g	

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