



PLC System Module

The PLC system module is an expansion component developed specifically for the universal training platform to provide programming, control and communication functions to help simulate industrial application scenarios for practical training. The module consists of a Siemens S7-1200 series PLC, Siemens HMI and remote IO. It is compatible with the Dobot Collaborative Robot Universal Training Station, which can be used with a wide range of Dobot robots.

Product Features

1. Compact and powerful – it integrates the PLC, HMI and remote IO and is also easy to install and put away.
2. Provides 24 input and 22 output IO interfaces, supports PROFINET, TCP and Modbus communication, which are compatible with the DOBOT Collaborative Robot Universal Platform and used with DOBOT MG400, Magician E6 and the CR3.
3. Configured with a 7-inch touch screen for quick monitoring and control of equipment.
4. With EU CE certification and RoHs certification, meeting the access standards of most countries and regions.

Application Scenarios

The PLC System Module can be used alongside with Dobot Collaborative Robot Universal Platform for the learning of PLC programming and communication control. Learning experience can even be enriched through connecting sensors, actuators and other automation devices to simulate complex automation application scenarios.

Specifications

Model	DT-BE-R-15	
Weight	3.5 kg	
Voltage	24V DC	
Total Power	Max 75W	
Full Load Current	3A	
Dimensions	335 mm × 270 mm × 235 mm	
HMI	Screen Size	7.0 inches
	Resolution	800 × 480
PLC	CPU	1212C DC/DC/DC
	Working Storage	75 KB
	Loading Storage	2 MB
	High Speed Counter	4
	Integrated I/O	DI × 8, DQ × 6, AI × 2
	Extensibility	Signal Board (SB) × 1
		Signal Module (SM) × 2
		Communication Module (CM) × 1

