



Traffic Light Control Sciencetech 2423A enables Students and practicing Engineers to gain invaluable practical experience of the principles and application of Programmable Logic Controllers.

The objective is to connect and program an external Programmable Logic Controller to monitor and control a traffic light system.

Traffic light controlling is shown with the help of LEDs. The module is connected with output of PLC. Four way traffic is automatically controlled by PLC roads which meeting at a circle.

Features

- User friendly and powerful instruction sets.
- Ready to use application board.
- Exhaustive learning material

Scope of Learning

- Study of traffic light.
- Study and use of memory bit and timers.
- Traffic light control by PLC through ladder program
- Study of signal indications for two direction.

Technical Specifications

Interface	: 20 pin FRC cable with PLC (Sciencetech 2401 A/B/ C or 2403 A/B)
Input pin voltage	: 24 V DC when particular i/p is activated from PLC
Output pin voltage	: 5 V DC when particular o/p is activated from PLC
Power Supply	: From PLC
Dimension (mm)	: W 255 × D 155 × H 80
Weight	: 300 gm (approximately)
Product Tutorial	: Online on www.SciencetechLearning.com
Operating Conditions:	0-40°C, 85% RH
Included Accessories :	20 Pin FRC cable-1no.