



- ✓ TRIACS 1008/1016 is incorporated with a more efficient and reliable conflict control and lamp monitoring system
- ✓ Using double detection system, this controller is able to detect any type of alarm such as green conflict, double lamp, short circuit and lamp failure.
- ✓ Our latest TRIACS 1008/1016 has a fully dedicated microcontroller in a highly modular design package that makes system implementation more flexible, diverse and scalable.
- ✓ Full compatible with the Intelligent Traffic System (ITS), Urban Traffic Control Center and can communicate via Dial-up, Broadband, M2M(GPRS), 3G, 4G and 5G.
- ✓ It also has a GPS clock feature and is fully compatible with the MTCS RF Greenwave Link Module for inter-junction linking.

# TRAFFIC LIGHT CONTROLLER

**TRIACS 1008 / TRIACS 1016 SERIES**

**Established since 2016,  
Triacs Technology Sdn. Bhd.  
has continuously been upgrading  
and improving our products with  
latest and state of the art**



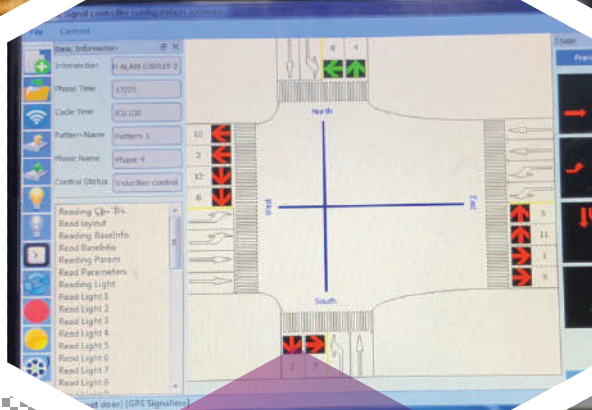
**TRIACS**

(Traffic Responsive Adaptive Control System) proudly present the TRIACS 1008 & 1016 Series Controller as our latest state of art traffic light controller.

Scan QR Code For Sales  
Representative & Sales  
Office Location







## PROTECTION

- 🔍 Every lamp for each group comes complete with fuse protection to reduce risk of over current and short-circuit.
- 🔍 Each lamp also comes complete with surge protector to reduce risk of surge and lightning strike.
- 🔍 The control board also has a complete reverse current protection

## CONFLICT MONITORING

- 🔍 Safety of the road users are always our highest priority
- 🔍 Even with all the circuit protection incorporated, problems occur at site.
- 🔍 By monitoring every lamp ( R, Y, G) of each group individually, we are able to detect any conflict that might occur and take corrective action. Conflicts that may occur are:

- \* Green On Green Conflict
- \* All Red Failure
- \* Any Double Lamp Conflict

## MAIN FEATURES

- ➡ Fully dedicated microcontroller based operation
- ➡ Basic 4 groups expandable to 32 groups
- ➡ Basic 4 channel vehicle detection up to 36 channel or semi VA
- ➡ Full Vehicle Actuated (VA) operation or Multiplan Control
- ➡ Full Wireless Vehicle Actuated (WVA) Countdown System (must additional system)
- ➡ Complete lamp monitoring, fuse blown & conflict detection
- ➡ Configuration with Touch Screen Display Unit Includes/ RS485, Ethernet & Wifi communication with software traffic management time inside
- ➡ Wifi communication for configuration and maintenance requirement
- ➡ Can remote from Control Center with VPN fix IP protocol complete with security
- ➡ Use professional traffic light system configuration and collect actual data