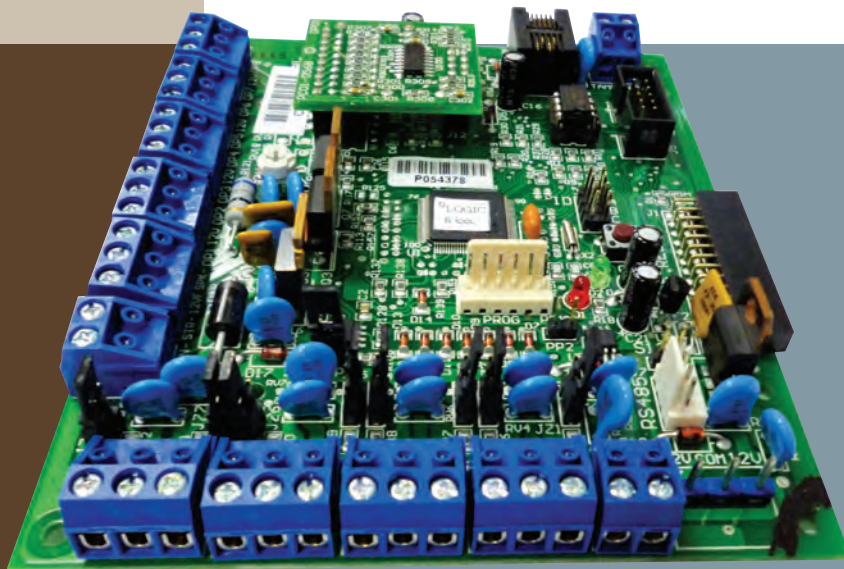




Cytech Logic Engine

Logic Engine

The Logic Engine is a Programmable Controller for Automation applications which can replace Programmable Logic Controllers (PLCs) with the ability to interface to most Home automation Systems.

Part Numbers

CM9000-LOG: PCB with 12V Wallmount Adaptor 1 Amp

CP9000-LOG: CM9000-LOG with metal box 310 x 350 x 95 mm

Applications

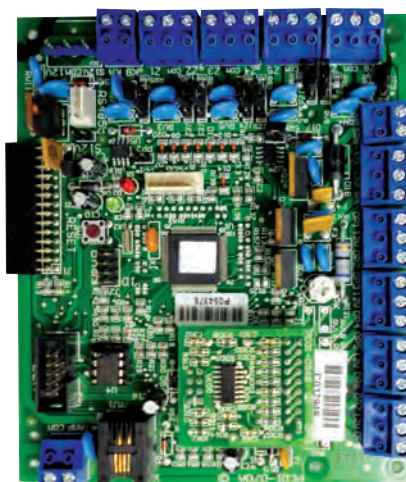
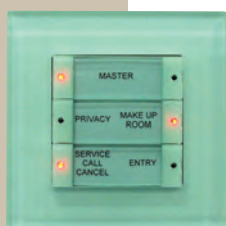
1. Able to interface to C-Bus, KNX, Z-Wave, Velbus, RS232, RS485, Ethernet and other 3rd party systems (requires UCMs) or Interface between 2 different systems, eg Zwave to KNX etc
2. Control on/off lighting via two way switches with TWS Lighting modules (relay and current sensor)
3. Control airconditioning and AV equipment via IR signals
4. Central Controller for Lighting, AV, Airconditioning, Blinds, Heating, Irrigation with Time Programs for scheduling and conditional logic with If/Then/Else statements.
5. KT03 monochrome touchscreen with programmable pages can be used to control the system
6. iPhone app to monitor inputs and control
7. Hotel Room Bedside Controller

Specifications

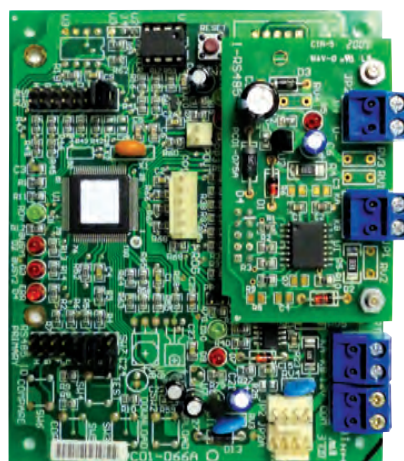
1. Power Supply - 12V 1 Amp wall mount adaptor with EU, UK, AU or US plugs
2. Current consumption 50 mA
3. 8 Inputs and 8 open collector outputs expandable to 216 inputs and open collector outputs
4. Each Output can be on/off, pulse or send IR signals (when connected to IR01W/IR03W IR Transmitters). Up to 250 IR signals in Library to be sent to any Output
5. 32 Time Programs for Scheduling. Real Time clock with auto time change for daylight saving.
6. 1023 Responses for programming scenes and macros.
7. Real Time Astronomical Clock accurate to 1 minute per month with automatic Daylight Saving Time Change
8. Configuration Programming by USB, Ethernet
9. Flash Firmware can be upgraded

Options

1. UCM Interfaces for - Cbus, KNX, Z-Wave, E-home green, Rako, Dynalite, Lutron, Velbus, etc
2. I/O Expansion by Local Expansion Modules (8 in/ 8 Out), Slave Expansion Modules (8 in/ 8 Out, up to 5), Remote Input/Output (8 in/ 8 Out) up to 15
3. Scene Control switches with 4,6,8 buttons for scene setting and status
4. IRO1 and IRO3W infrared Transmitters connect to any output
5. CSM03 Current Sensors
6. TWS Lighting Control Modules for Lighting on/off control
7. RLY01 and RLY02/8 Relay modules
8. RIO01 Remote Input/Output modules (up to 8)
9. IRR01 Infrared Receivers (connect to RIO01)
10. IRD01 Infrared Dome - IR Blaster with IR receiver
11. KT03 Monochrome Touchscreen with programmable pages



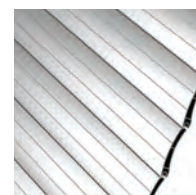
Logic Engine



UCM Interface

→ Infrared
→ On/Off/Pulse Outputs

→ C-Bus
→ KNX
→ Ethernet
→ RS485
→ RS232
→ Z-Wave
→ Velbus



55 Ubi Avenue 1 #07-04, Singapore 408935 Tel: +65 6846 9701
Email: info@cytech.biz Web: http://www.cytech.biz
Reg: 199506853M