

# ECOPLUS 2002.net



Ecoplus Active Networks are designed to enhance highly customized and rapid 'real-time' changes to the underlying network operation. Brilliantly engineered with all the power you need to enable code-sending, minus unnecessary buffer time with its distributed architecture capable of processing access demand at the edge level without leveraging at the server end.

## **HIGH PERFORMANCE**

Based on the latest HCB (Hybrid Compact Board), 2002.net is a high reliability, high efficiency and highly integrated intelligent multi-application control panel targeted for physical access control industry. It features a 32bits Freescale ColdFire microcontroller running at 60MHz, this control panel can fulfill most demanding requirement in physical access control environment.

## **Feature Highlight**

- Unlimited Access Level
- Onboard & Cross-Board Interlocking
- User Counting (Card Holder / Car Park)
- Reader Output Control
- Dynamic Storage Allocation
- Support 20,000 Users And 100,000 Event Memory
- Support Single Doors / 2 Doors
- Support Dynamic Reader Location
- Support Car Park Mode
- Compatible with various reader technologies
- Active Transmit & Active Download
- Peer To Peer Global Anti-Passback
- Configurable Digital / Supervised inputs (8)

| Hardware                          | Description   |
|-----------------------------------|---|
| MCU                               | 32bits @ 60MHz  |
| Memory                            | 256K Flash Memory<br>32K SRAM (Buffer)<br>64Mbits Non-Volatile SPI Flash Memory (Storage) |
| Card holder                       | 20,000  |
| Event Transaction                 | 100,000   |
| Digital/Supervise Inputs          | 8, User configurable<br>(Door Sensor/Request-To-Exit/Fire Input/General Purpose)          |
| Digital Output                    | Max. 2 Dry contact Relay  |
| Network Communication Port        | 1 - RJ-45 Self-Negotiate 10/100mbps   |
| Power Protection                  | Resettable Fuse - 2.5A  |
| Surge Protection                  | TVS - Up to 15KVA   |
| Onboard LED Control               | Power / Communication / LAN / Event / Error   |
| AC Fail Monitoring                | Yes   |
| Battery Monitoring                | Yes (Firmware threshold control to shutdown control panel)                                |
| External Short Circuit Protection | At readers  |
| Backup Battery                    | Yes, Apply to RTC only  |

Made in Taiwan – with 1 years warranty

