

Master Control Unit Connectivity Solutions



Terminal Features

- Control up to 16 access terminals / 32 readers
- Stand-alone
- Falcon-compatible: time zones, anti-passback, terminal groups, permitted lists
- Communication: RS-485 or TCP/IP communication with Host
- Four input/four output relay logic for events control
- APB - Anti Pass Back and Route control
- Download valid cards to local controllers for offline operation

Access Control made easy

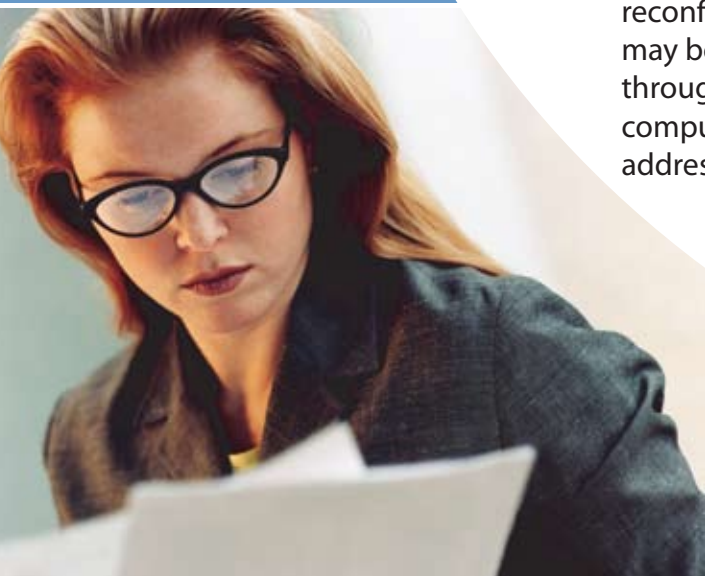
Access Control systems are used to control and record employee entry to and/or exit from restricted areas. The recorded data may be automatically fed into an access control program (such as Synel's Falcon software), security program, statistical analysis or any other application.

The Hardware

The Master Control unit is used to interconnect up to 16 local controllers to a PC for door supervision, door status, data collection/transfer and reconfiguration services. Up to 8 Master Control units - up to 128 doors - may be connected to a single computer serial port. When connecting through Ethernet the number of Master controllers connected to a single computer is unlimited, since each Master Control unit carries a specific IP addresses.



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Master Control Unit

Programming

- Concentrates up to 16 Access terminals
- Stores up to 14,000 cardholder entries (Master large)
- Sufficient capacity for 3,500 events/transactions
- Non-volatile memory retains data up to 3 years
- UPS for up to 12 hours
- Includes four dry-contact output relays
- Includes four opto-isolated inputs
- Provides real-time clock services
- On-line entry/exit logging and reporting
- Diagnostics indication for communication failure
- Anti-passback protection
- Parameters set via host
- Multiple time zones
- Calendar supporting

Characteristics

Memory

- EPROM 64 kB; 512 kB RAM for data

Interfacing

- Communication: RS-232/485, 19,200 baud rate

Man-Machine Interface

- Tri-color LED indicator
- Four fully-programmable I/Os:
 - Inputs: 1-4 opto-isolated
 - Output relays: 1-3: 2 A @ 30 V DC or 0.6 A @ 150 V DC
 - Output relay: 4: 5 A @ 230 V AC

Physical Characteristics

Dimensions: 6 x 10 x 2 in. (15 x 25 x 5 cm.)

Weight: 3 lbs. 5 oz. (1500 gr.)

Operating temperature: 23 to 113°F (-5 to 45°C)

Ethernet Version

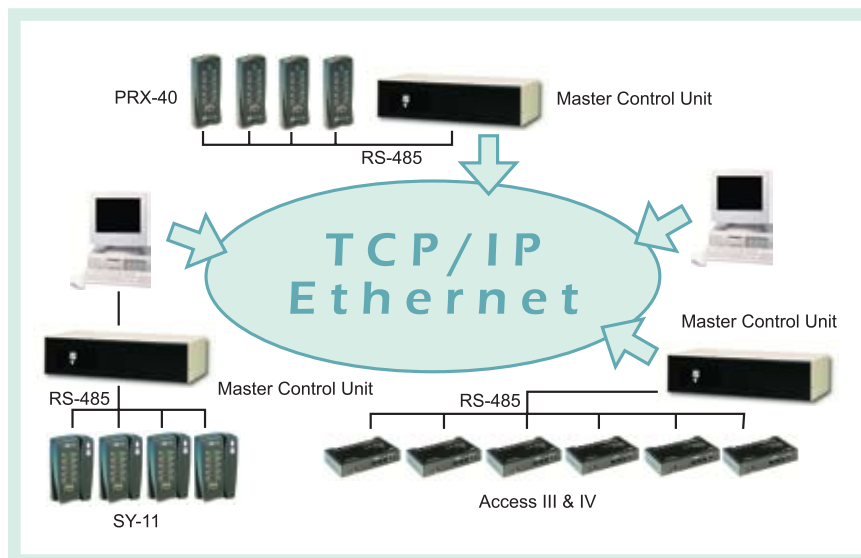
- Synel now allows you to control Access terminals via Ethernet. Each Master Control unit is equipped with our optional TCP/IP card and provides a direct connection to Ethernet via its unique IP address.
- Communication rate up to 38 kB/s
 - Interface: 10BaseT

Power Requirements

- 230/115 or 9 V AC @ 50/60 Hz
- Power consumption: 5 watts

Local Controllers

- Access III, IV
- PRX-40
- SY-11 barcode/magnetic



YOUR TIME IS OUR BUSINESS



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