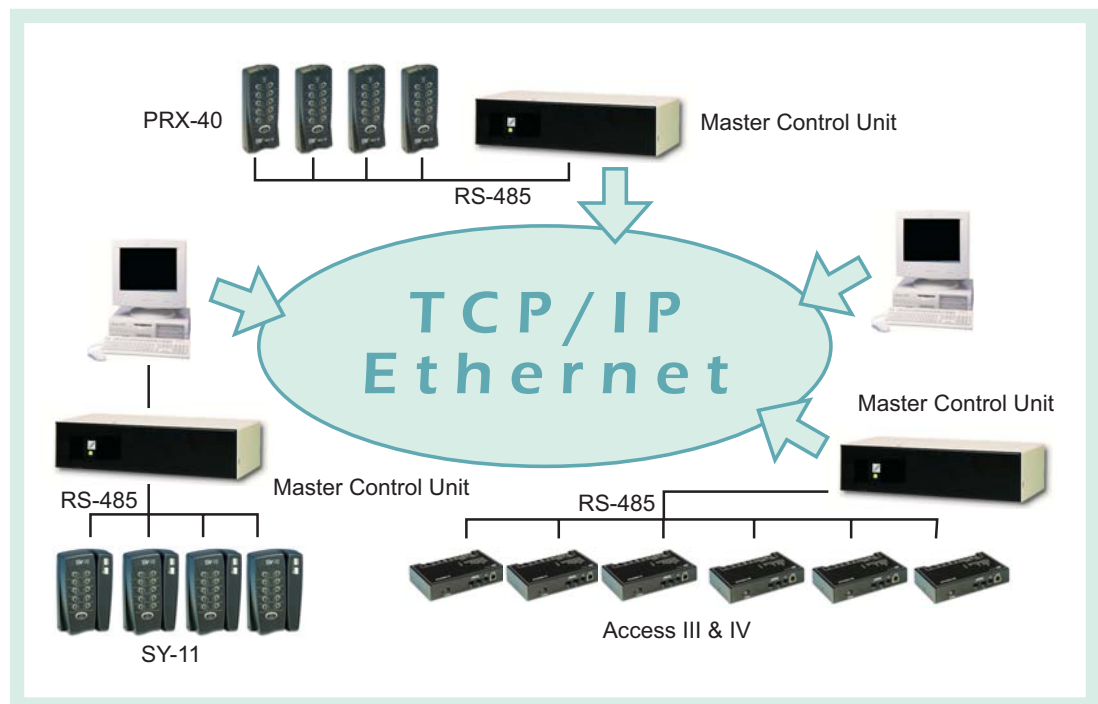


Master Control Unit

Connectivity Solutions

TCP/IP

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



Access Control made easy

Access Control types of systems are used to control and record employee entry/exit in or out of restricted areas. The recorded data may be automatically fed into an access control program (such as Falcon), 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 purposes of door supervision, door status, data collection/transfer and reconfiguration services. Up to 8 such Master Control units - up to 128 doors - may be connected to a single computer serial port. When connecting to Ethernet the number of Master controllers, which may be connected to a single computer, is unlimited, since each Master Control unit carries specific IP addresses.



Connectivity Solutions





Master Control Unit

Connectivity Solutions

Connectivity Solutions

Standard Configuration

- Concentrates up to 16 Access terminals
- Stores up to 14,000 cardholder entries (Master large)
- Sufficient capacity for 3,500 events
- 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/reporting
- Anti-passback protection
- Parameters set via host
- Diagnostics indication for communication failure
- Multiple time zones
- Calendar supporting



Ethernet version

Synel now allows you to control Access terminals via Ethernet. Each Master Control unit equipped with our optional TCP/IP card provides a direct connection to Ethernet via its unique IP address.

Characteristics

Memory

- EPROM 128kB; 512kB RAM for data

Interfacing

- Communication: RS-232/485, 10 Mbit, 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 Vdc or 0.6 A @ 150 Vdc
Output relay 4: 5 A @ 230 Vac

Power Supply

230, 115 or 9 Vac @ 50/60 Hz
Power consumption: 5 watts

Ethernet Version

Communication rate up to 38 kB/s
Interface: 10BaseT
Memory: flash EPROM 128kB

Mechanical Features

Dimensions: 15 X 25 X 5 cm
Weight: 1500 g
Operating temperature: -5⁰ to +45⁰c

Local controllers

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



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Pictures in this brochure are for illustration purposes only.
The technical data sheet packed with the product is the only obligatory source of technical information

