

# ACCESSPORTAL

## XP-CPRO

### Integrated Access Control System for *Door, Lift and Car Park*

- System Manager
- Parameter Setting
- Site Setting
- Controller Setting
- Door Setting
- Menu Access Setting
- Software User Setting
- Command Setting
- Sensor Setting
- House Keeping Tool
- Reporting
- Data Sending
- Card Holder Management
- Visitor Master
- Visitor Details
- Connect Site

The software interface includes several key windows:

- Controller Database Management:** A table listing controllers with columns for Tag Name, Description, Card No, Unit No, Type, and Location.
- Working Hour Setting:** A window for configuring work schedules with a table for Week Day, From, To, and Description.
- Dynamic Floor Plan:** A graphical representation of a building layout with rooms like LOBBY, SECURITY ROOM, and RECEPTION CENTER.
- Time Attendance Report:** A window for generating reports with options for Daily, Monthly, and View records.

- **Efficient Design**
  - Suitable for medium to large size installation
- **Distributed Multi Door Controller Architecture**
  - One controller for each door
  - Onboard Battery Backed Memory and Clock
  - Can operate without PC being Online
  - Use RS485 (2 wires) to network to controllers
  - 5/10/20 doors per controller
- **Multi-Door Antipassback**
  - Multi-Door Antipassback under one controller
  - Important for user tracking
  - Better control for zone restriction
- **User Friendly Software with Dynamic Floor Plan**
  - Outlook based user interface
  - Map display
  - User Photo Display
  - Can click on door icon for operation (easy to use)
- **Comprehensive Reporting Functions**
  - Generates various types of report with criteria selection
  - Software user activities events logging
- **Built-In Powerful Time Attendance Reporting**
  - Analyze data to automatically produce standard attendance report
  - Can generates reports for Late-Comer, Early-Leaver, absenteeism, Early-Comer, Late-Leaver and OT
  - Helps monitor the attendance of the staff
- **Built-In Visitor Management Module**
  - Keep tracks of visitor visiting the building
  - Can generates reports for visitor movement
- **Reliable Technology**
  - Designed with proven and reliable technology
  - Built-In System Integrity Monitoring System for maximum reliability



XP-RDPRX-K



XP-RDPRX

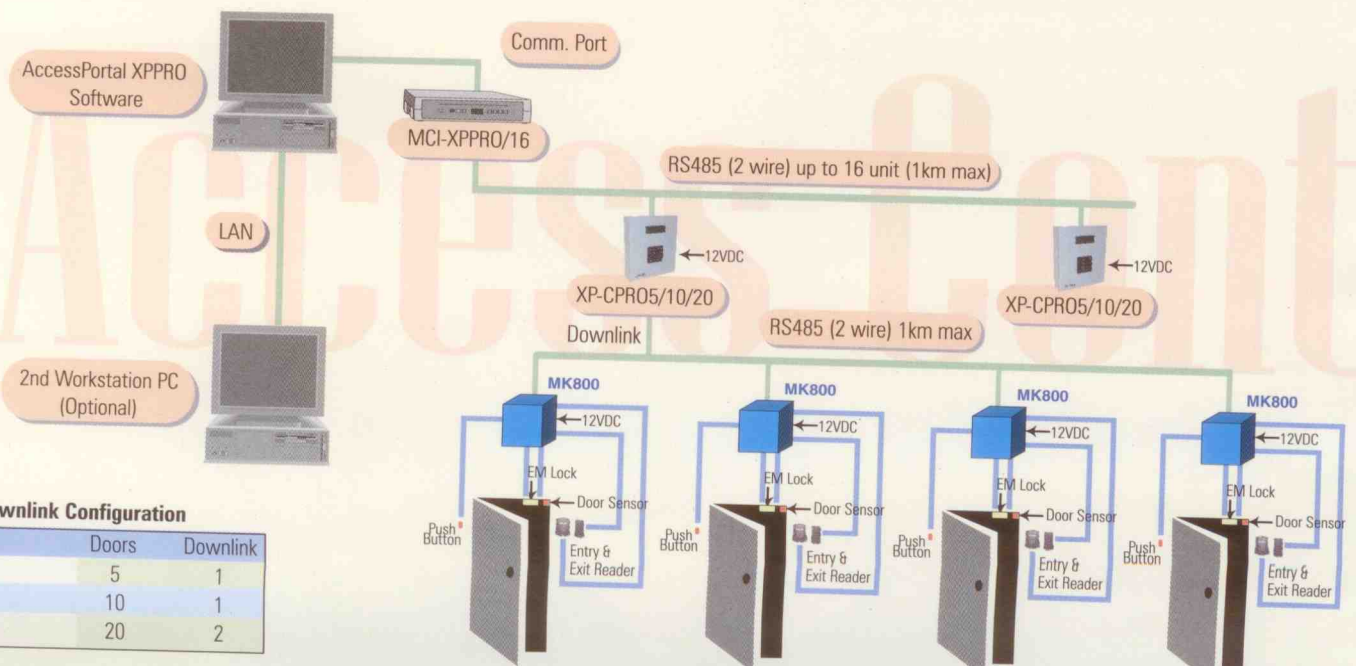
**AccessPortal XP-CPRO5/10/20 Door Controller Features**

1. Autonomy	Distributed data and processing
2. Downlink port	2 wire RS485
3. Battery backed real time clock	Yes
4. Onboard rechargeable battery	Yes
5. Card Number	6 digits
6. Continuous reads when door left open	Yes
7. Operating modes	Card, PIN or both
8. Support tamper & buzzer at reader	Yes
9. Time Zone	255
10. Time Set	255 each with 3 intervals
11. Holidays	30
12. Onboard Watchdog Circuit	Yes
13. Anti-Passback	Yes
14. Configurable Lock Release Time	Yes (0-99 secs)
15. Configurable Door Open Time	Yes (0-99 secs)
16. Auto PIN	Yes (10 Sets, 4 digit each)
17. Auto lock release by time zone	Yes
18. Card & PIN by time zone	Yes
19. Door release button	Yes
20. Exit Push Button Time Zone Control	Yes
21. Door sensor input	Yes
22. Cardholders	
a. XPPRO5/10	10,000
b. XPPRO20	10,000
23. Events	
a. XPPRO5/10	20,000
b. XPPRO20	20,000 (expandable) to 60,000
24. RAM memory	at least 128KByte
25. RAM protected by On board battery	Yes
26. Firmware EPROM/flash memory	at least 128KByte
27. Addressing via dip switch	Yes
28. Onboard buzzer	Yes
29. Communication ports	RS485
30. Polarity protection for power connector	Yes
31. Power	12VDC
32. Duress Alarm	Yes
33. Reader Interface Card	MK800

**AccessPortal XP-CPRO Software Features**

1. Operating system	Windows 95,98,NT or higher
2. Capacity	Up to 320 Doors
3. Communication	Multi-drop RS485
4. No. of Comm Bus	1,2,4,8 (depending on model)
5. Communication Interface unit	MCI-XPPRO
6. Controller	XP-C1000, XP-CPRO series
7. Cardholders	5,000
8. Operators	30
9. Operator access levels	30
10. Operator password	Yes
11. Access levels	255
12. Holidays	30
13. Time Zones	255
14. Time Sets	255
15. Intervals per time set	3
16. Anti-pass back	Yes
17. Time attendance	Single Day Daily Attendance Report Monthly Summary Reporting
18. Floor plan	30
19. Floor plan breakthrough on alarm	Yes
20. GUI floor plan	Yes
21. User photo display	Yes
22. User-define PIN selection	Yes
23. PIN	4 digits
24. Online events viewing	Yes
25. Online help	Yes
26. Shortcut keys	Yes
27. Automatic transaction logging	Yes
28. Event logging for all actions by operator	Yes
29. User define company name and logo display	Yes
30. Comprehensive report generation	Yes
31. Reporting based on staff number	Yes
32. Extensive search for data	Yes
33. Housekeeping utilities	Backup, restore, purging of events
34. Individual or group door release from PC	Yes
35. DBASE IV database format	Yes
36. Multi-Language Support	Yes (Optional)
37. Remote Controlling through LAN/Modem	Yes (Optional)
38. Multi-workstation system	Yes (Optional)

**AccessPortal XP-CPRO5/10/20 Configuration Diagram**



**Downlink Configuration**

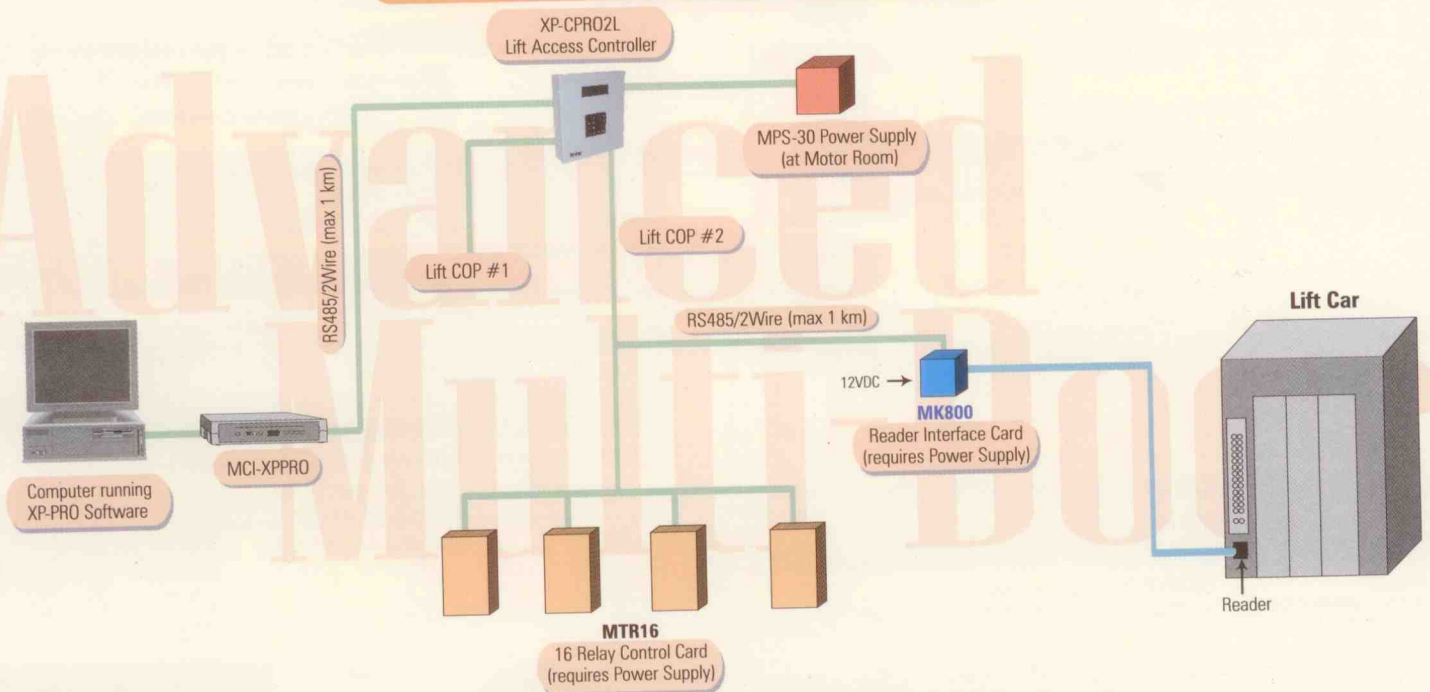
Model	Doors	Downlink
XP-CPRO5	5	1
XP-CPRO10	10	1
XP-CPRO20	20	2

Entry & Exit Reader, Lock, Push Button and Sensor Wires will be connected back to MK800.

### AccessPortal XP-CPRO2L Lift Access Control System

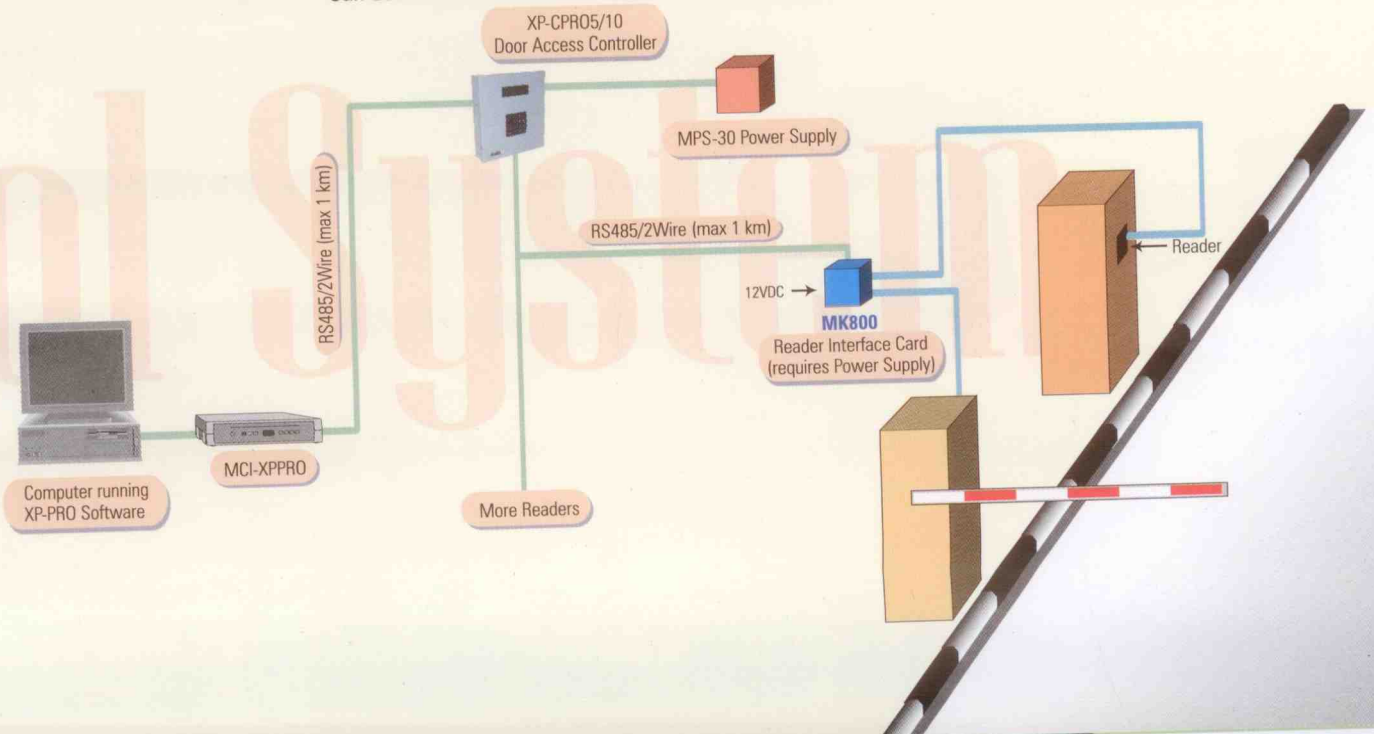
1. Autonomy	Distributed data and processing	14. Auto lock release by time zone	Yes
2. Downlink port	2 wire RS485	15. Cardholders	10,000
3. No of COP	2	16. Events	20,000
4. No of Floor	64/COP	17. RAM memory	at least 128KByte
5. Battery backed real time clock	Yes	18. RAM protected by On board battery	Yes
6. Onboard rechargeable battery	Yes	19. Firmware EPROM/flash memory	at least 128KByte
7. Card Number	6 digits	20. Addressing via dip switch	Yes
8. Continuous reads when door left open	Yes	21. Onboard buzzer	Yes
9. Operating modes	Card Only	22. Communication ports	RS485
10. Time Zone	255	23. Polarity protection for power connector	Yes
11. Time Set	255 each with 3 intervals	24. Power	12VDC
12. Holidays	30	25. Relay Interface Unit	MTR16
13. Onboard Watchdog Circuit	Yes	26. Reader Interface Unit	MK800

### AccessPortal XP-CPRO2L Configuration Diagram

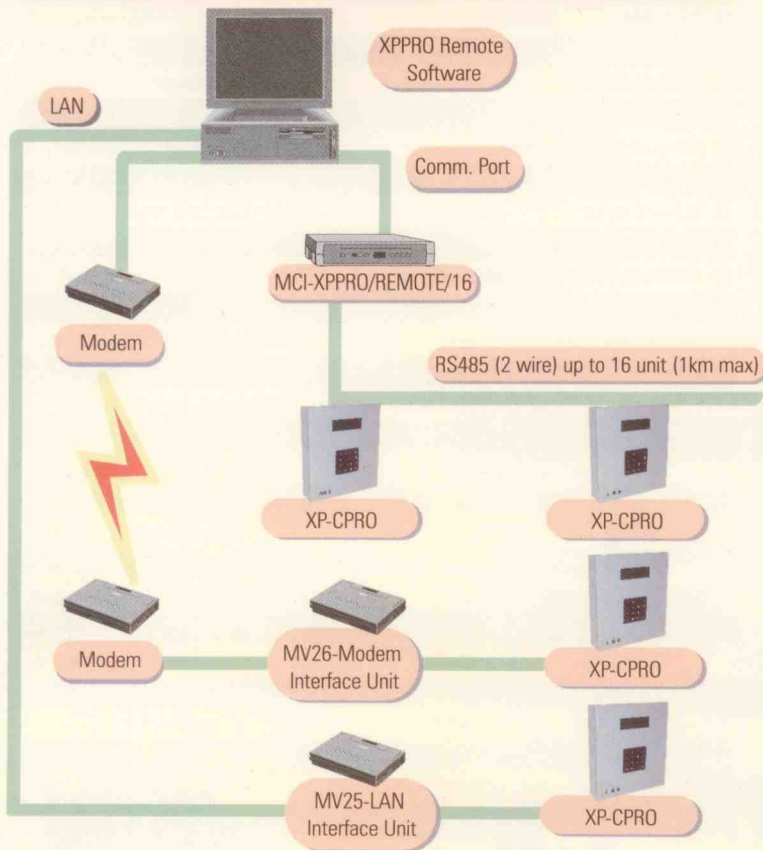


### AccessPortal XP-CPRO Car Park Access Control System Configuration Diagram

Can use XP-CPRO5/10/20 to control the car park entrance and exit access.



**AccessPortal XP-CPRO Remote Configuration Diagram (Optional)**



**Ordering Information**

Product Code	Description
XP-CPRO5	5 Door Access Controller
XP-CPRO10	10 Door Access Controller
XP-CPRO20	20 Door Access Controller
XP-CPRO2L	Lift Access Controller (2 COP)
MK800	Reader Interface Card MicroEngine XP-RDPRX & XP-RDPRX-K
XP-RDPRX	MicroEngine Proximity Reader
XP-RDPRX-K	MicroEngine Proximity Reader with LCD and Keypad
MV-25	LAN Interface Unit
MV-26	Modem Interface Unit
MPS-30	Power Supply 13.8V/3A
MPS-40	Power Supply 13.8V/3A with Low Power Cut Off
MPC-100	Clamshell Proximity Card (1.9mm thick)
MCI-XPPRO/1	XPPRO Software for controlling 1 unit of XP-C1000 or XP-CPRO series controller C/W signal converter
MCI-XPPRO/16	XPPRO Software for controlling 16 unit of XP-C1000 or XP-CPRO series controller C/W signal converter
MCI-XPPRO/REMOTE/16	XPPRO Software for controlling 16 unit of XP-C1000 or XP-CPRO series controller with Modem/LAN connectivity C/W signal converter
MCI-XPPRO/32	XPPRO Software for controlling 32 unit of XP-C1000 or XP-CPRO series controller C/W signal converter (Requires 2 comm ports)
MCI-XPPRO/64	XPPRO Software for controlling 64 unit of XP-C1000 or XP-CPRO series controller C/W signal converter (Requires 4 comm ports)

**PC Requirement**

a. Processor	Intel Pentium III 733 MHz or better
b. RAM	128 MB or larger
c. Harddisk	at least 50 MB for program and 500 MB for storage
d. Display	800x600 256 colors or better
e. Peripheral	1 comm port
f. Mouse	Yes
g. Keyboard	Yes
h. UPS	Recommended to install
i. OS	Microsoft Windows 98, ME, NT4, 2000 or compatible

\* Specifications subject to change without prior notice



High Security Fingerprint Reader with BioSensor



Long Range Proximity Reader and Active Tags



XP-RDPRX



XP-RDPRX-K



FingerPrint Reader



Mifare Reader



XP-CPRO5/10 Controller

For further information and assistance, please contact us at:

Website: [www.microengine.net](http://www.microengine.net)