

## System with Controller, Extension Unit and Software

XPR's new access control system includes the **Master Controller**, intelligent **Extension Units** and **Windows-based Computer Software**. Drawing on its vast experience in access control, XPR has made the **Axess range** easy to operate, while adding features generally found in advanced, expensive systems. The system is "Built for the Future", as the embedded software in its flash 16-bit micro controller can be upgraded any time .

### Master Units with EW Extensions and Software



# axess range

## O2LA

One step ahead



- Flexible programming - direct via keypad or PC
- Two-door controller in standalone mode
- Expandable up to 64-doors via RS485 bus
- 2 x 16 character LCD display to aid direct programming
- 1000-user control, 100 User groups, 32 Reader groups, 64 Holidays and 16 Time Zones
- Input power: 12 V DC
- On-board Li battery ensures no data loss in case of power failure
- Timed and Logical Anti-Passback and Mantrap
- 7500-event buffer memory
- Supports two 26-bit Wiegand readers
- Compatible with XPR's MULTIX range keypads and proximity readers
- 4 outputs: 3 relays (2x10 Amp, 1x2 Amp) and 1 transistor
- 5 inputs (2 for Request-to-exit, 2 Door sensors, 1 free input)
- In built tamper protection
- Terminals for reader LED connections
- Flexible system for use as online (PC) or offline (standalone)
- RS-232 interface for PC or Modem or serial printer connection
- Firmware upgrade utility
- Remote programming via intelligent modem interface
- Upgradeable embedded software on Flash 16-bit micro-controller
- Compact, low-profile and aesthetic design
- Pearl white color metal housing

## PS2

Computer-type reliability



- Switched Mode Power Supply with battery
- Accepts wide variations in input: 85 to 280 V
- Output: 12 V DC @ 2A
- Separate connections for controller and strike/lock
- 12V 7.2 Ah battery for backup power
- Elegant but strong steel housing
- LED indicators for POWER ON, BATTERY ON CHARGE, LOW BATTERY
- Automatic battery high/low cut off
- High voltage, short circuit protection
- Dimension (mm): 210L x 180W x 80H

## EW

Smart Extension Units for distributed intelligence

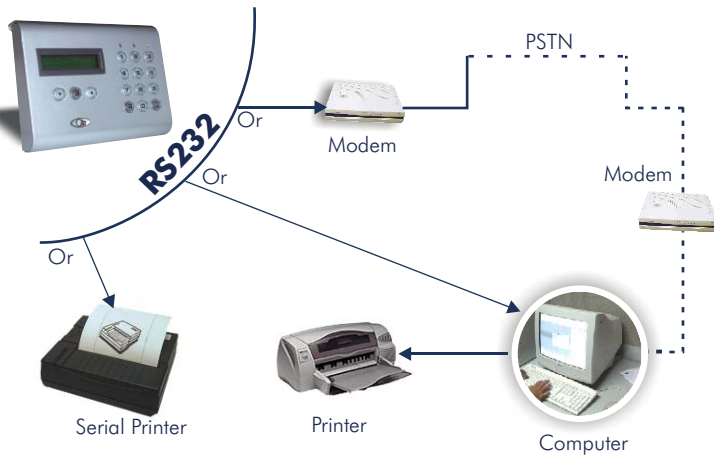


- Powder coated steel housing
- Networks to the O2LA through RS-485
- Built-in 26-bit Wiegand to RS-485 converter for communication with controller
- Supports 26-bit Wiegand readers from the XPR Multix range or from other OEMs
- 2 Request-to-Exit inputs
- Input power: 12V DC
- 4 outputs: 2 relays (2x10 Amp) and 2 transistors
- 2 Door sensor contacts
- Flash 16-bit micro-controller
- Built-in intelligence (10 codes/cards) for granting local access in case of RS-485 disruption or system failure
- Indicator (yellow LED) for bus connection
- Anti-tamper
- Individually addressed (peripheral no.) via dipswitch

## NETWORKING

### RS232

The RS232 is popular bus extensively used in computer communications. Using a standard 9-pin D-type connector, which plugs into most personal computers, it is a fast and easy method of data transfer over distances of under 15 m or 50 feet. The O2LA-82C or O2LA-PS2 is easily networked to a PC or can be remotely programmed with a Modem 'HAYES' compatible, 56K, Data through the RS232 interface.



### RS485



RS-485 is a widely used, international standard for multi-point data communication. It enables up to 32 nodes to be connected through a simple twisted-pair cable length up to 1 Km. The RS-485 facility in the O2LA enables control of up to 64 doors (2 x 32) via single 2-wire cable in half-duplex communication mode.

### O2LA-PRO

Microsoft® Windows™ based software developed with easy operation, friendly programmable and reporting features. The O2LA-PRO is operated by the easy windows techniques such as menus, dialog boxes and drop down menus etc. The software is exclusively made for On-line function for master and extension units of O2LA family with objectives such as programming, data transmission, back up data, diagnostics of networked units and reporting.



- Online monitoring, programming and reporting
- Menu driven operation with dialog box and drop down
- Transmits data/events from Units
- Continuous diagnostics the status of Units
- Programming of Network, Reader Groups, Time Zone, user Groups, Sequential Cards, Users, Holidays, communication, operators and can be Imported/Exported data.
- Menu operation for Configuration, Reports, Backups, Archiving, online diagnosis of the network status and Help menu for operating support.