

Data sheet

RELATED PART NO'S

xP1M/Aperio
xP1M/Aperio/PSU
xP1M/Aperio/PSU/ip
xP1M/Aperio/PSU/WiFi

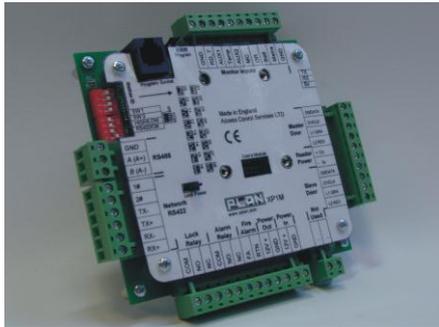
DESCRIPTION

xP1M Aperio™ Gateway controller.



FEATURES:

- Supports up to 31 Aperio™ E100, C100 or L100 devices via the AADP protocol.
- Optional support for 2 hard wired card reader inputs (IN/OUT)
- Local decision making intelligence for all Aperio and hard wired doors.
- Assa Abloy HiO compatible (via AADP and UDC500)
- Fire Alarm override input for wired doors
- Local Time Profiles
- RS422/RS485/TCP/IP LAN or WiFi Communications
- Optional Enclosure with Built-in PSU or PCB form factor for high-density
- Multiple reader Formats
- Time controlled Card plus PIN
- Support for 1:1 and 1:8 way comms hubs
- 5-Year Warranty



At the heart of every PLAN access control system is a network of locally intelligent field control units. To maintain the highest level of system fault tolerance, each controller is a complete, fully functional integrated access control and alarm monitoring system in its own right. This means that the system can continue functioning at 100% capability even when disconnected from the Central Control System, e.g. when "off-line", the system continues to allow only valid cardholders through their selected doors & at their authorised times. The controller will also store card and alarm events in the cyclical memory until communications are restored at which time, the controller will inform the main PC of all access control decisions made while off-line.

The Aperio Gateway controller allows the system to utilise a mix of wired and wireless controlled doors and is compatible with the standard PLAN V9.x software. It can operate alongside any of the wider range of PLAN door controllers (xP1M, xP2M, xP400 etc).

The XP1M/Aperio Gateway controller is a true Hybrid offering that can control up to 31 Aperio devices connected via a mix of 1:1 and 1:8 Wireless comms hubs. The coms hubs are connected to the gateway controller via an RS485 bus line that provides both power and data. The local doors feature allows the same controller to control a single hard wired door with conventional locks and a pair of card readers (for read IN and OUT). Local doors support is enabled by a dip switch on the main PCB and reduced the maximum number of Aperio locking units for 31 to 29.

Because the Aperio locksets and cylinders are battery powered this means that a single controller (with only one point of mains and LAN) can control around 30 devices.

The XP1M has been designed as a convenient retro-fit unit and is supplied as a PCB module for installation into the xP6 high density enclosure which further enhances the cost effectiveness of the solution. The optional PSU also has an output for the connection of a rechargeable battery to maintain operation of the system in a complete power failure.

The XP1M/Aperio Gateway controller has the power to perform the most demanding access control tasks plus the inherent flexibility to make light work of simpler jobs.



...ahead in access control