DATA SHEET
Standard LAN Access Module (SLAM)

The Integriti Standard LAN Access Module (SLAM) can be used to control and monitor up to 2 doors on the Integriti RS-485 LAN, (or via IP using LAN over Ethernet modules - Part. 995093 see page 69 of Product Catalogue).

The module supports 2 doors and up to 4 Inner Range RS-485 SIFER or third party OSDP readers to accommodate entry and exit readers on both doors. Alternatively, 2 Wiegand readers may be connected to allow control and monitoring of a single door with entry and exit readers or 2 doors with a single reader each.

The SLAM offers a complete suite of programmable options to provide advanced high-security access control, security area control and door alarm monitoring functions. Cached functionality is also provided via the on-board database to provide offline access control operation for up to 2,000 user cards if communications to the master Controller (ISC/IAC) are lost. Cache expiry time for the module can be configured with expiry times ranging from 1 hour to 4 months. In addition, each user has an option to be stored permanently within the modules cache, particularly useful for situations where certain staff may need to be guaranteed access if the module is offline.

The SLAM is also used for integration of wireless door locking systems from Assa Abloy Aperio, SimonsVoss or Salto Sallis. Please see our website for Wireless Locking system Integration Guides for more details.
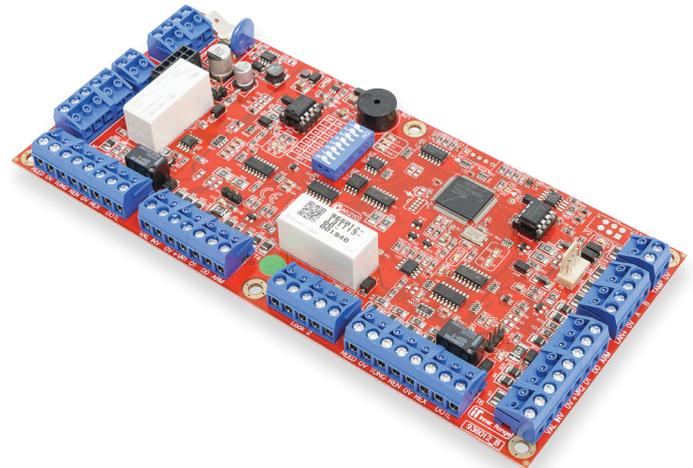
The power supply requirement is 11 to 14VDC and a range of Integriti plug on external 2Amp, 3Amp or 8Amp Switch Mode power supplies are available. The SMART 3Amp & 8Amp models are fully monitored via the Standard LAN Access Module.

Heavy duty relays are provided for lock switching, along with auxiliary outputs for "Valid", "Invalid" and "Door Open Too Long Warning" to control LEDs and/or buzzers.

Programming options allow for each Reader to be configured independently and security area control to be integrated with access control where required. Door Contacts and/or Tongue Sense inputs are utilized to provide "Door Forced" and "Door Open Too Long" alarms. Any spare zones may be used as general purpose zone inputs for use with PIR's, PE Beams, etc.

Features

- Offline 2,000 user card cache
- RS-485 Reader connectivity (up to 4 SIFER or compatible OSDP Readers)
- Entry and exit readers for both doors when using Inner Range SIFER or third party OSDP readers
- Reader options to control Doors, Lifts, Areas and Keypad User Logon
- Supports Wiegand card readers up to 88bits
- Wiegand reader outputs with individual self-resetting overcurrent protection
- Aperio, SimonsVoss, Salto Sallis integration - up to 2 Doors via RS-485 Reader port
- Dedicated lock power input
- External Integriti power supply connection
- Full monitoring of external Integriti SMART power supply
- Heavy duty lock relays
- Reader Valid & Invalid outputs
- Door reed & tongue sense inputs per door
- Door request to enter & exit inputs per door
- DOTL relay outputs per door
- Dedicated cabinet tamper input
- RS-485 LAN connectivity
- Over-The-Wire firmware upgradeable
- Small PCB size 200 x 95mm
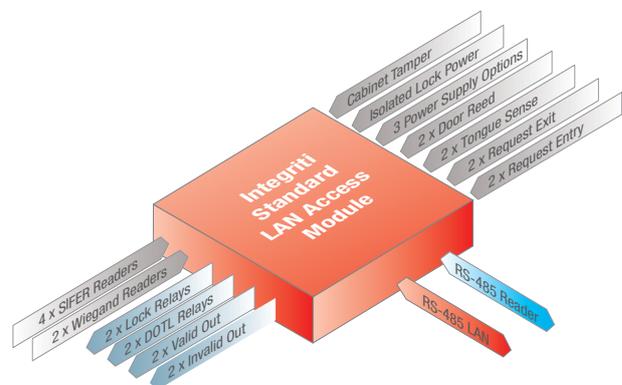- Built-in module locater buzzer

SLAM can be used for Integration with Aperio, SimonsVoss and Salto Sallis Wireless Door Locking Systems

Offline Cache Features

- Offline cache provided for 2,000 user cards
- Oldest card is overwritten by newest card when cache is full
- Configurable cache expiry times
- User cards can be made permanent in cache
- REX & REN buttons are also cached

Connectivity

Specifications

Physical

Enclosure Options:	Small - 252(L) x 358(W) x 85(D) (mm): Part# 995200PE2 or 995200PE3 - houses 1 x 996012*
	Medium - 460(L) x 358(W) x 85(D) (mm): Part# 995201PE2, 995201PE3 or 995201PE8 - houses up to 3 x 996012*
	XLarge - 702(L) x 358(W) x 85(D) (mm): Part# 995203PE2, 995203PE3 or 995203PE8 - houses up to 5 x 996012*
	WideBody - 580(L) x 510(W) x 95(D) (mm): Part# 995204PE3 or 995204PE8 - houses up to 6 x 996012*
	Rack Mount - 2RU 680(L) x 420(W) x 85(D) (mm): Part# 995220PE2, 995220PE3 or 995220PE8 - houses up to 4 x 996012*
PCB Size Code:	Integriti "B" size
PCB Dimensions:	200(L) x 94(W) x 45(D) (mm)
Weight:	8.2 k.g. (Based on medium enclosure, mains transformer, 7AH battery and cover)
Installation Environment:	0ºC - 70ºC @15% - 90% Relative humidity (non-condensing)

Electrical (For PCB Only)

Power Supply Input:	11V to 14VDC
Current Consumption:	110mA standby. 175mA with lock relays on

NOTE: Current consumption does not include the current required by readers or other external devices such as locks, buzzers, lamps or any device attached to the DOTL, Valid, Invalid and RS-485 Reader connections

Over Current Protection:	Reader +V connections. Protected with self-resetting PTC's

Contact Ratings

Lock Relays:	5 Amps @ 30VDC
DOTL Relays:	1 Amp @ 30VDC (Door Open Too Long output)

Connections

Lock 1 & 2:	Includes Lock+, Lock-, NO/COM/NC
Door 1 & 2:	Includes Reed, 2 x 0v, Tongue, REN, REX, DOTL contacts
Wiegand Reader 1 & 2:	Includes Valid, Invalid, 0V, Reader+, D1, D0, ARM
Lock Power:	Includes Lock+, Lock- connections from external PSU
Cabinet Tamper:	2 pin connection for cabinet tamper switch
RS-485 LAN:	1, Includes LAN+, LAN-, A, B. (LAN addressing set via DIP switches)
RS-485 Reader Port:	1, Supports up to 4 Inner Range SIFER or compatible OSDP readers, or 1 Salto Sallis, Aperio or SimonsVoss wireless access control hub

External Power Supply Monitoring (Compatible with Inner Range 3 & 8Amp SMART PSU's)

AC Fail:	External PS AC Fail
Low Battery:	External PS Low Battery
LAN Fuse:	External PS LAN Fuse
Detector Fuse:	External PS Detector Fuse
Low Volts:	External PS Low Volts
PSU Fail:	External PS Fail

Compliance

Electrical	C-tick CE
Environmental	RoHS [WEEE]

* Additional external power may be required.

Ordering Options

Standard LAN Access Module (SLAM)
996012PCB&K
Standard LAN Access Module PCB & Kit.

Reader Options

Inner Range SIFER Smart Card Reader
994720
RS-485 multi-drop 128 bit AES encrypted DESFire© EV1/EV2 reader.
994720MF
SIFER Smart Card Reader - As above + Multi-Format enabled to read the Card Serial Number of 3rd party cards
994725
SIFER Keypad/Reader
994725MF
SIFER Keypad/Reader Multi-Format enabled

Enclosure Options

995200PE3 small enclosure shown

Spare Mounting Plates for Medium, Large and WideBody Enclosures
999026 - Medium mounting plate to suit Integriti PCB's
999023 - Medium mounting plate to suit Concept PCB's
999006 - Large mounting plate to suit Concept or Integriti PCB's***
999027 - 2nd tier hinged expansion plate to suit WideBody enclosure

Enclosures

Small
995200PE2/995200PEEU2 - 2Amp PSU*
995200PE3/995200PEEU3 - 3Amp SMART PSU*

Medium
995201PE2/995201PEEU2 - 2Amp PSU*
995201PE3/995201PEEU3 - 3Amp SMART PSU*
995201PE8/995201PEEU8 - 8Amp SMART PSU**

XLarge
995203PE2/995203PEEU2 - 2Amp PSU*
995203PE3/995203PEEU3 - 3Amp SMART PSU*
995203PE8/995203PEEU8 - 8Amp SMART PSU**

WideBody
995204PE3/995204PEEU3 - 3Amp SMART PSU*
995204PE8/995204PEEU8 - 8Amp SMART PSU**

Rack Mount Drawer
995220PE2/995220PEEU2 2RU - 2Amp PSU*
995220PE3/995220PEEU3 2RU - 3Amp SMART PSU*
995220PE8/995220PEEU8 2RU - 8Amp SMART PSU**

Please see enclosure section or website for further details on enclosures.
Part numbers containing "EU" are for the European market
* Additional external power may be required for 2 and 3Amp models.
** Product scheduled for future release in Europe
*** Suitable for 995203 series enclosures only

inner range