

Technical data sheet

SECURING BUSINESS AROUND THE WORLD

enGuardPro



DC-485 Local Interface Unit Single door control unit

The DC-485 unit provides a card reading and door control interface for each door on your enGuardPro system.

The unit supports a range of reader technologies including Verid biometrics, Watermark Magnetics, MIFARE, LEGIC contactless smart cards, HID and Motorola Proximity, keypad and magnetic stripe.

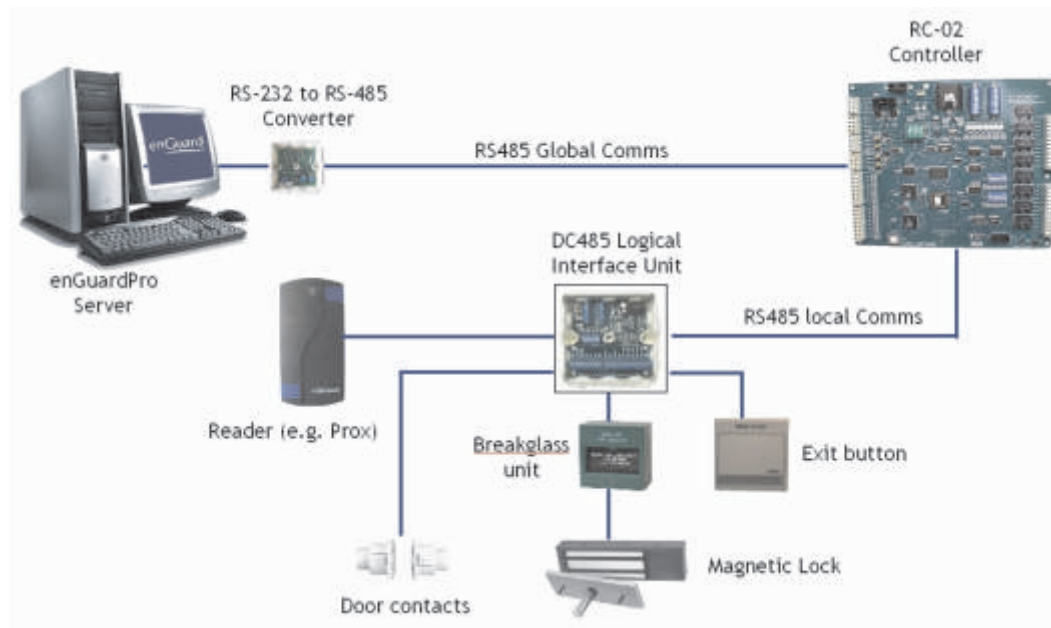
Readers are wired directly into the unit with configuration of Wiegand or Clock & Data reader data format, site code support and LED control made by the 8-way switch. All door functions such as request-to-exit, door monitor, lock and local alarm relay are also wired directly to the unit.

FEATURES

- Wiegand or clock & data reader input formats
- Full support for Wiegand site coding
- Supports both 5V and 12V readers
- Easily configured via DIP switches including diagnostics
- Red / green reader LED inputs

BENEFITS

- Full, onboard door control functionality
 - Exit request input
 - Door monitor contact input
 - Door unlock relay output (2A @ 12V DC)
 - Door local alarm relay output
- Can be up to 1km from controller using RS485 comms
- Very small footprint - only 10cm by 10cm
- Diagnostic LEDs and test mode



Technical and Electrical specifications

DC-485 (Local Door Unit)		TSSI part number: SSN104
Communications	RS-485 (can be up to 1km from controller)	
Power	12V D.C.	
Inputs	2	
Relay outputs	2	
Reader outputs	2 for reader LEDs	
Diagnostics	3 on pcb (power, comms and card present)	
Configuration	DIP switches	
Data formats	Wiegand and clock & data	

Access Control - TSSI's product range

	TSSI part number	Description
RC-02	SSN103	8 Door controller with RS485 communication
RC-04i	SSN175	2 Door controller with LAN (wired and wireless)
DC-485	SSN104	2 Reader integrated local door controller
Readers	Various	Wiegand, Mag stripe, Mifare, iClass, Legic
Software	EN0C/0021/S	Client / server with SQL database
Cards	Various	Wiegand, Mag stripe, Mifare, iClass, Legic