Norpass3 Access Control Management Software

Product Description

Norpass3 is a PC-based access management system that provides a comprehensive range of features to match customer specific requirements. Together with Nortech's CRC22x series access control panels, Norpass3 provides a high level of security and personnel safety. It comes with an extremely user-friendly operator interface with many helpful tools for installers.

An Installation Wizard enables installers to configure the system quickly and efficiently, while user operations such as enrolling new cardholders and setting appropriate access rights are fast and simple. Information feedback is comprehensive and easy to follow.

The innovative integral Norpass Virtual System (NVS) allows installers to configure and test the system on a PC in advance of installation, and then take the configuration to site on a memory stick, saving time and minimising disruption.

Norpass3 can run on any standard specifications Windows PC, and its integral web server supports additional workstations without the need to install special software on them.
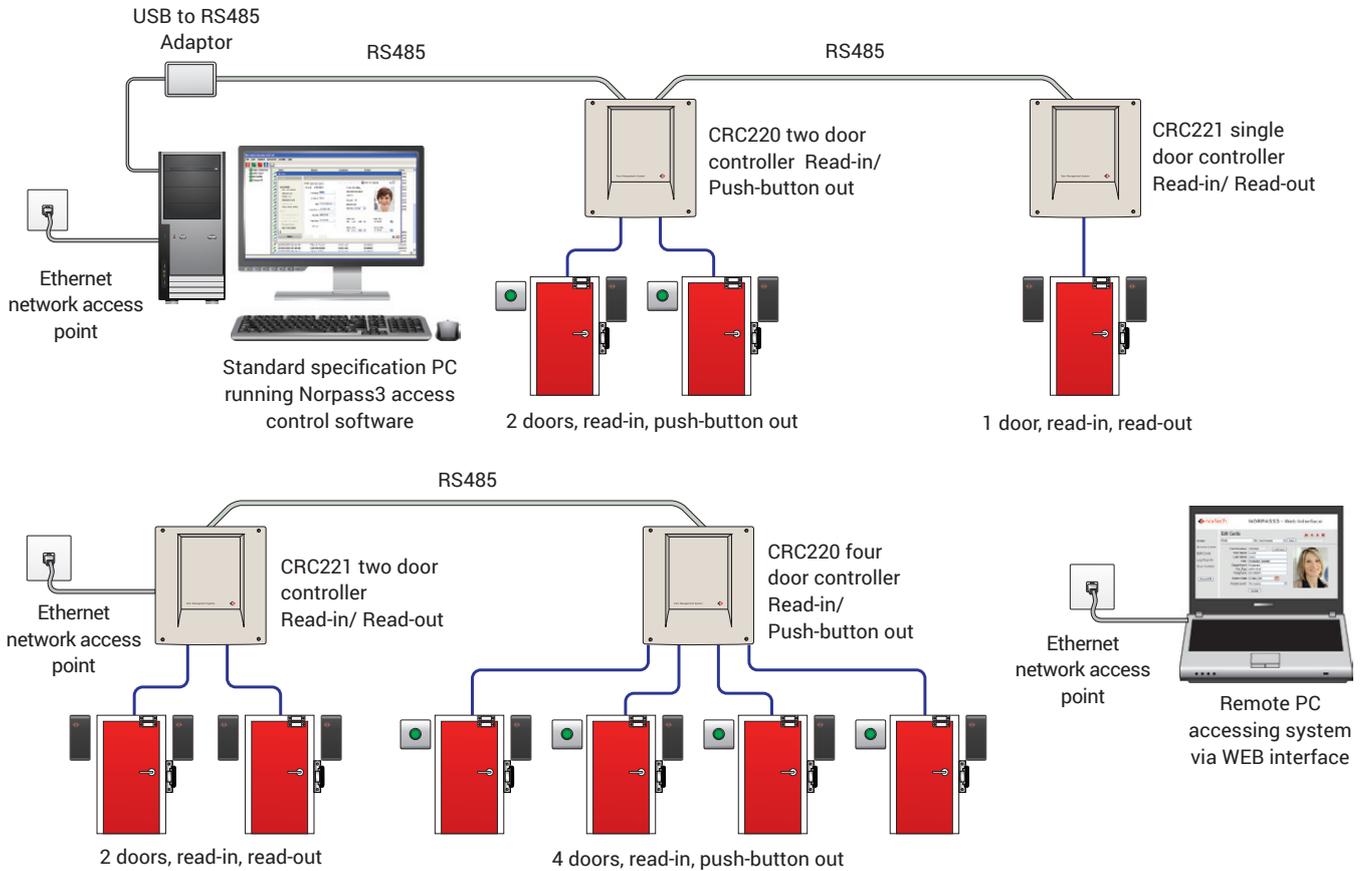
Operation and Administration Features

- Fast, wizard-assisted system set-up
- Intuitive operation and administration interface
- Integral NVS aids learning and supports pre-configuration
- Real time system management and event logging
- Multiple client support via integral web server
- Configurable global card format support
- Comprehensive and configurable report generation
- Powerful database sort and filter functions
- Flexible automatic database backup
- Individual user activity history display
- Graphical display of individual cardholder access rights
- Integral badge design and printing tool
- Picture pop-up option with direct door release control
- Remote, individual door override
- Flexible event to action assignment

Security Features and Functionality

- Optional 'Card and PIN' security per door
- 'Buddy mode' option per controller
- Anti-passback option per controller with 4 reset times
- Timed anti-passback option per door
- Door monitoring and alarming
- Roll Call/ Muster options
- Time and Attendance reporting
- Configurable access levels & time periods
- Up to 16 automatic door open time periods
- Door latching pass card option
- Enforcement of limited usage of controlled areas
- Group counting with on-screen display & alarm feature
- Easy to manage accommodation feature
- Visitor PIN management
- Emergency central door lock release input

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Example Norpass3 Network Structure

USB to RS485 Adaptor

RS485

RS485

Ethernet network access point

Standard specification PC running Norpass3 access control software

CRC220 two door controller Read-in/ Push-button out

2 doors, read-in, push-button out

CRC221 single door controller Read-in/ Read-out

1 door, read-in, read-out

RS485

Ethernet network access point

CRC221 two door controller Read-in/ Read-out

2 doors, read-in, read-out

CRC220 four door controller Read-in/ Push-button out

4 doors, read-in, push-button out

Ethernet network access point

Remote PC accessing system via WEB interface

PC Requirements

We recommend that Norpass3 is installed on a standalone PC running one of the following operating systems:

- Windows 10

- Windows 8 (32 bit or 64 bit)

- Windows 7 (32 bit or 64 bit)

Note: Norpass3 will also run on Windows Server 2008 or 2012, which may require the manual installation of .NET framework.

The minimum hardware requirement is: Pentium 4 (or AMD equivalent) processor, 512MB RAM, 20GB Hard Drive

Ordering Information

Norpass3   PC based software

USB-485   USB to RS485 converter

Controller Options

The Nortech CRC22x series controllers make the construction of a Norpass3 access control system simple and cost-effective. They are available in different sized building blocks so that they can be ideally matched to the user's requirements. Two main PCB variants are available:

CRC221 - single door (read-in, read-out or read-in / push-button out)

CRC220 - single door (read-in, read-out) or two doors (read-in / push-button out)

There is a choice of plastic or metal enclosures with 1, 2 and 4 door capacities. Both RS485 and TCP/IP communication options are available.

Refer to the CRC22x Datasheet for more details and ordering information for the CRC22x controller family.