

SPECIFICATIONS

Controller (CN3A)

- Maximum doors per controller - 4; Completely independent configuration for each door
- Typical authorisation time <0.5s
- Maximum number of users - 5000
- Network - full duplex, 4-wire RS485 running at 115.2Kbaud
- Maximum network segment length 1000m (can be extended using repeaters)
- Maximum number of controllers per network segment - 32 (can be extended using repeaters)
- Maximum number of networks - unlimited
- RS232, USB, and Ethernet adaptors available for the connection to a Windows PC
- L.E.D.s on controller indicate active outputs and network traffic
- Available either as bare board or mounted in a steel cabinet with 3A power supply and room for backup battery
- Dimensions 110mm x 140mm x 25mm (with connectors in place)
- Real-time clock, maintains controller time in the event of local power loss
- Battery for clock backup: CR2032, 3V coin cell
- Audit trail on board, non-volatile memory holds up to 2000 events
- Rated Voltage - 12V DC
- Operating Voltage - 10V to 14V DC Max.
- Outputs - 4 --- 2x relay(COM,NO,NC) 3A at 30V DC, 2x FET 3A at 30V DC
- Inputs for egress buttons, door contacts, power supply failure, case tamper
- Cover label Black with white text. Separate text adjacent each terminal with colour-coded connections, and nput/output ident. markers

Reader (RNE)

- 'Prox'/RFID, operating at 125 KHz, non-continuous
- Supplied with connections pigtail; Cable length - 5m
- Maximum read range - 100mm
- Operation through glass - giving the option of mounting the reader on the inside of a window or glass door for vandal proof installation
- Maximum cable length from controller to each reader - 100m
- easy-3-wire colour-coded reader connections(+12V, Signal, 0V); handles LED and beeper control as well as Prox read
- Readers should not be mounted directly on metal and should be 600mm apart (otherwise reading distance is impaired)
- LED indicators and beeper on readers signal when a tag is authorised/rejected
- Max readers per controller - 16
- Shape and dimensions - circular, diameter: 55mm, depth : 15mm
- Mounting - 1x No.6 screw
- Finish Brushed stainless effect self-adhesive decal to front, black contrasting body sides
- Fully potted, suitable for both internal and external mounting

RFID Tags

- RFID tags available as key-fobs, ISO cards and clamshells as standard

Windows Software

- Included as standard with the PC interface
- Custom system configuration and monitoring application software built on a Microsoft Jet database core
- Familiar easy to use Windows-Explorer style interface
- Configuration wizards allow fast and easy setup
- Unlimited logging of site activity (audit trail)
- Audit trail (site activity) can be exported in a number of formats including common spreadsheets
- Printing of activity log and fire roll-call
- PC needs to be connected only to make configuration changes, recover audit trails, and to support global anti-passback
- User Tags added, as required, by the system administrator utilising desktop reader adjacent to PC
- User's Tag authorisation can be deleted via PC
- Access rights to each door can be assigned to any tag user, including which times and days they have access and limiting access to specific date ranges
- Live monitoring of site activity (Tag usage) available, including Photo ID of user
- Live roll-call available, showing who is on/off site
- Doors/Users can be grouped to facilitate simple management of access rights
- Doors can be configured to unlock at appropriate times
- Double-locking feature available on doors, allowing authorisation levels to be set against users
- Fire roll call and anti-passback support by configuring readers to log entry and exit
- Email alerts
- Automatic roll-call printing on alert
- Multiple controller networks can be connected to the same PC and managed simultaneously from a single instance of the software
- Password protection prevents unauthorised changes to configuration
- Search tool facilitates rapid location of doors/users etc. by name

Access Control Direct is an established manufacturer, specifier and installer of Access Control Equipment.

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