

Access



world class access products...

Micron is a world-class manufacturer of access control products. Using leading edge technologies in product design and manufacturing, micron products are renowned for their quality, reliability and ease of use.

quality and reliability

All micron security electronics are manufactured in-house. Our high speed, fully automated, surface mount technology (SMT) production lines ensure product quality and reliability that is second to none.

product innovation...design excellence

With over 30 years experience in the design and manufacture of access, control panel and sensor security products, micron engineers have developed a range of fully functioned access control products for both domestic and commercial applications.

Designed and Manufactured in New Zealand for over 30 years.

micron



Two door access controller

Micron's two door access controller uses the industry standard 26-bit Wiegand format for communication with two RFID proximity readers.

Two programmable relay outputs feature both fail safe and fail secure options. A further two programmable auxiliary outputs are each programmable for one of ten ancillary functions.

Egress request input, anti-passback, door open alarm, block learning of cards and tags, optional alarm shut down after door closing and many other options are all standard features in this very cost effective entry level access control.

The control is 'self contained', is programmed through an on-board keypad and can store up to 1000 cards or tags.

An RS-232 serial interface enables programming through a laptop or personal computer. No download software is needed as all data is displayed using a standard PC web browser.



EzeKey and EzeProx

Micron access control keypads are a cost-effective stand alone access control system for internal doors. With 90 user codes and up to 500 proximity cards and tags, our EzeAccess keypads can control electronic locks on two doors.

All user codes and prox cards and tags can be assigned to one or both doors. EzeKey and EzeProx utilise hierarchical access codes, an egress input to allow door exit and a bell output to request entry.

A night lock facility ensures that when a night lock code is entered, in addition to activating the output the code renders all normal user codes inoperable until a night lock code is re-entered.

Output one offers a high current output that drives electric strikes or electromagnetic locks directly. Both access keypads retain all programmed data in the event of a power failure.



Four door access controller

Micron's four door access controller supports up to 5000 users and has four clean relay contacts for door control. Each door can be programmed to operate in latching or momentary mode and can be secured with real or timed anti-passback. Auxiliary system control is managed through four programmable auxiliary outputs.

The control can be used as a stand-alone controller or networked to control up to 40 doors with communication to a central computer running micron's access control software.

Time and holiday schedules can be assigned to each door to provide an auto-lock and unlock feature and also assigned to individual users to restrict access to certain times. Each control has a 500 date and time stamped event history.

The control features block learning of cards and tags, which can be backed up to a personal computer, optional alarm shut down after door closing, an after hours global locking check and a first card in unlock feature.

Micron's access software allows authorised users to program the control, learn and delete cards, monitor door activity and control overall system management and reporting.

Programming is via a local computer, using micron's access software, or a micron keypad.

For higher security areas both card or tag and user code entry can be required.

Micron EzeAccess keypads are simple to program and easy to use.

For colour choice, EzeKey and EzeProx are available in either white or grey.

Prox+ Wiegand reader

Prox+ is an industry standard 26-bit Wiegand proximity reader used with cards or tags for entry from internal and external locations.

Prox+ is weather-resistant and tamper protected and is available in either white or grey.



Product Features

● EzeAccess controller - two door

- two Wiegand proximity reader ports
- two clean relay outputs for door control
- two programmable auxiliary outputs
- two egress inputs
- two door monitor inputs
- single door anti-passback option
- alarm shut off after door dosing option
- 500 date and time stamped event history
- onboard keypad with two 7 segment displays for easy local programming
- up to 1000 cards and tags
- block learning of cards and tags
- retains all data on power loss
- serial interface for connecting to PC or laptop
- program using web browser
- fused battery backup
- mains failure and low battery monitoring

● EzeAccess controller - four door

- four Wiegand proximity reader ports
- four clean relay contacts for door control
- four programmable auxiliary outputs
- four egress inputs
- four door monitor inputs
- dual door anti-passback option
- alarm shut off after door dosing option
- after hours global locking check
- first card in unlock option
- up to 5000 cards and tags per control
- block learning of cards and tags
- expandable up to 40 doors by networking controls
- 500 date and time stamped event history per control
- sixteen time schedules
- sixteen programmable holidays
- RS485 communication interface
- card database backup to PC
- local programming via computer or keypad
- fused battery backup
- mains failure and low battery monitoring

● EzeKey and EzeProx

- 500 proximity cards and tags
- two transistor outputs for momentary or latching operation
- retains all data on power loss
- fast arming option for each output
- one high current output drives locks direct
- night lock function
- ninety user codes
- bell key

● Prox+ Wiegand reader

- 26-bit Wiegand standard
- tamper protected
- weather resistant

micron
security products

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