

PRODUCT CATALOGUE

WHEN YOU'RE SERIOUS ABOUT SECURITY



KEYLESS ENTRY ACCESS
CONTROL SYSTEM

www.nidac.com



Presco™ VR series keypads are designed for durability and versatility as there are several options that can be set to alter the way in which the VR keypad behaves. These options fall into 3 categories of General, Wiegand and Presco™. In addition to Presco™ PAC controllers, the VR43 & VR62 can be used with any standard Wiegand and most non standard Wiegand controllers. Site (facility) codes can be set from the keypad itself and Wiegand data is fully configurable with up to 64 bits of data. The VR series keypad with its stylish satin chrome finish and adjustable blue key backlight is a secure addition to applications requiring high security.

VR SERIES KEYPADS

PRESCO™ VR SERIES KEYPADS

- Suitable for indoor and outdoor usage
- 2 types 4x3 and narrow 6x2 keypads
- Durable and stylish metal keypad construction (satin chrome plated zinc die cast)
- 8 to 26V DC operation
- Vandal resistant
- Weather resistant (IP67)
- Outputs Presco™ and Wiegand data
- Blue LED Backlighting on keys standard
- Compatible with all Presco™ controllers
- Fully configurable for custom Wiegand modes
- Operating temperature range of -20°C to 70°C
- 36 month (3 year) manufacturer's warranty

VR62 KEYPAD FOR NARROW MOUNTING



NP-VR43



NP-VR62

VST SERIES STANDALONE KEYPADS - IP67 RATED

- Controls up to 2 Doors
- Suitable for indoor and outdoor use
- Durable and Stylish metal keypad construction (satin chrome plated zinc die cast)
- 2 types, standard 4x3 and narrow 6x2 keypads
- 2 x 2A SPDT relays
- 1 x dedicated REX (Request to Exit) input
- REX input can be used with NO or NC and Momentary or Continuous switches
- 1 x Auxiliary input
- Up to 500 user codes
- 3 levels of user codes
- Lowest level user codes may be locked out by use of auxiliary input and/or higher level user codes
- Built in Optical Tamper based on IR transmitter and receiver provide accurate tamper detection
- Blue backlighting on keys with adjustable brightness
- Vandal Resistant
- Weather Resistant (IP67). Operating Temperature range of -20°C to 70°C
- 36 month (3year) manufacturer's warranty



NP-VST43



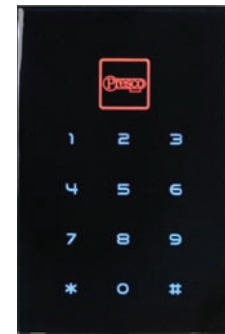
NP-VST62

OUTDOOR KEYPADS & READERS

Presco™ format is transmitted from the readers using only two wires, making installation simple and cost effective. Presco™ door controllers and readers can be separated by up to 1 kilometre using low cost non-shielded cable!

PRESCO™ PTKR TOUCH KEYPAD & RFID PROXIMITY READER

- Suitable for indoor or outdoor use
- Touch sensitive keys
- Compatible with Presco™ PAC series door controllers
- Over 19 Million possible code combinations
- Audible and visual confirmation of all actions
- Blue back lit keys
- Outputs Presco™ and Wiegand format
- Read range up to 11cm (4 1/3")
- Distance PTKR to PAC controller up to 1km unshielded cable. PTKR to Wiegand controller up to 100m, shielded cable only
- 12Volts DC
- Frequency 125 ± 5 KHz
- Operating Temperature 0°C to 70°C
- 36 month (3 year) manufacturers warranty



NP-PTKR

PRESCO™ PSE-IL OUTDOOR KEYPAD

Presco™ PSE-IL Outdoor Weather & Vandal resistant keypad is compatible with PAC series door access controllers providing the benefits of a secure door access control system with all the features of Presco™.

- Rugged construction for weather and vandal resistance
- Available accessories, surface mount adaptor or Steel flush mount plate



NP-PSE-IL

PRESCO™ PRO2410 PROXIMITY READER

Presco™ PRO2410 Proximity reader is an advanced, self contained RFID (Radio Frequency IDentification) contactless reader. It is capable of interfacing to either a Wiegand input control panel or to Nidac's range of Presco™ PAC door access controllers

- Outputs Presco™ and Wiegand format
- Read range up to 11cm (4 1/3")
- Distance PRO2410 to PAC controller up to 1km unshielded cable
- PRO2410 to Wiegand controller up to 100m, shielded cable only
- 8 to 28Volts DC
- Frequency 125 ± 5 KHz
- Operating Temperature 0°C to 70°C
- 36 month (3 year) manufacturers warranty
- Designed and manufactured in Australia



NP-PRO2410



A user friendly platform for access control with full upload/download capabilities directly from your PC. Maximum security is provided with 3 different operator levels for programming, editing user details or simply viewing events. When an event is logged it is locked into memory and cannot be manipulated, so you know the integrity of your access control system is assured.

PEL1 EVENT LOGGER

PRESKO™ PEL1

- 12 Volt D.C. operation
- 36 month (3years) manufacture's warranty
- 800 Users with names up to 32 characters
- Stores 5,000 events with time and data stamping
- Up to 8 Presco™ PAC controllers can be monitored simultaneously giving control of up to 16 doors
- Internal replaceable button cell holds memory and keeps clock running for up to 10 years
- PC software supplied for Windows™ Vista 7, 8.1 and 10 USB 2.0 interface to PC
- 3 software operator levels restricts access to programming features



NP-PEL1

PRESKO™ PAC1 & PAC2 DOOR CONTROLLERS

- Split system for maximum security (reader and controller)
- Door Forced Open detection
- Door Open Too Long (DOTL) function
- Automatic door relock function
- Egress function, REX (request to exit)
- Automatic door relock function
- Easy on site programming using any Presco™ keypad
- 600 client programming user codes (800 on PAC2)
- Heavy duty 5 Amp relay contacts for lock control
- Can operate fail safe or fail secure electronic locking mechanisms
- 1 Amp Normally Open DOTL alarm relay output
- 10 year non volatile EEPROM memory
- 36 month (3year) manufacturer's warranty
- Designed and manufactured in Australia



NP-PAC1



NP-PAC2



ELECTRIC DOOR STRIKES



REQUEST TO EXIT



MAGNETIC LOCKS

TIMERS & RELAYS

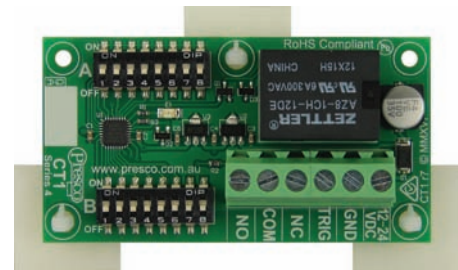
Timers and control relays are unseen but are a fundamental component of any access control or security installation.

NIDAC GENERAL PURPOSE TIMER

Nidac CT1 general purpose timer operates on 12-24V DC with 4 selectable timing ranges and has accurate DIP switch timing selections (no pots). Selectable Positive, Negative or Dual edge trigger, with a selectable Normally open or Normally closed trigger input.

14 operating modes

- Single shot
- Single shot retriggerable
- Single shot cancellable
- Dual edge triggered single shot
- Dual edge triggered single shot retriggerable
- Bistable (clutch / toggle) operation
- Trigger Extension
- Maximum Pulse
- Minimum Pulse (retriggerable)
- Hold off (Door Open too long)
- Multivibrator (strobe) with 1 second on time, selectable off time
- Multivibrator (strobe) with equal on /off time
- Delay on
- Delay on retriggerable (no activity timer)



NT-CT1

NIDAC CR2 RELAYS – 2 POLE DOUBLE THROW CONTROL RELAY

Is supplied in singles or strips of 6 (as pictured).

Applications

- Dialler interface
- Electric Door Strike
- SIU interface
- Strobe lamp driver
- Voltage level shifting

Features

- 12 or 24 Volt D.C. operation
- 2 Pole change over contacts
- 2 Amp. rated relay
- Low 1.2 mA input current
- In-built -TR pull-up resistor
- LED indicates operation
- Double sided tape mounting
- Can jumper +VE or -VE to common contacts (C1 & C2)



NR-CR2/6



PRESCO™ STANDARD INDOOR SERIES

Wiegand format is standard on these readers excluding the PSK16 standard Presco™ Keypad. The PS16 series is compatible with the Presco™ PAC range of access controllers in areas where keypads and or RFID security is desired, but weather and vandal resistance is not a priority.

NP-PSK16 INDOOR KEYPAD

When a PSK16 is coupled with any PAC series door controller you get the benefits of a secure door access control solution with all the features of the Presco system.

- Outputs Presco™ format data
- Compatible with Presco™ PAC access controllers and other Presco™ decoders
- Low cost non-shielded cable up to 1km from decoder (power supply and cable dependant)
- Over 19,000,000 possible code combinations
- Audible & Visual confirmation of all actions
- Long lasting tactile membrane with raised buttons
- Location pip on 5 buttons for visually impaired users
- Operating Voltage 7 to 15V DC limited to 23mA via Presco™ decoder
- Operating Current 23mA.max .03mA in standby
- Operating Temp 0° to 70°C
- Dimensions 126mm X 80mm X 17.5mm
- Weight 100g
- Designed and manufactured in Australia
- 36-month manufacturer's warranty



NP-PSK16

NP-PSR16 INDOOR PROXIMITY CARD READER

The Presco™ PSR16 Proximity Reader is an advanced, self-contained RFID (Radio Frequency Identification) contactless reader, it is capable of interfacing to either a Wiegand input control panel or to Nidac's Presco™ PAC decoders.

- Outputs Presco™ and Wiegand format data
- Auto senses output type required via white wire connection
- Read range of up to 20cm
- Compatible with Presco™ PAC access controllers and all other Presco™ decoders
- Low cost non-shielded cable up to 1km from decoder (power supply and cable dependant)
- Audible & Visual confirmation of all actions
- Operating Voltage 8 to 15V DC
- Operating Current 150mA.max
- Operating Temp 0° to 50°C
- Excitation Frequency 125 ± 5kHz
- Dimensions 126mm X 80mm X 17.5mm
- Weight 150g
- Designed and manufactured in Australia
- 36-month manufacturer's warranty



NP-PSR16

NP-PSC16 INDOOR COMBO KEYPAD & PROXIMITY CARD READER

The Presco™ PSC16 Combination keypad and Proximity Reader is an advanced, self-contained RFID (Radio Frequency Identification) reader with the added security of PIN/PROX access, it is capable of interfacing to either a Wiegand input control panel or to Nidac's Presco™ PAC decoders.

- Outputs Presco™ and Wiegand format data
- Auto senses output type required via white wire connection
- Read range of up to 20cm
- Compatible with Presco™ PAC access controllers and all other Presco™ decoders
- Compatible with industry standard 26bit Wiegand systems, fully configurable for other systems with up to 64bits of data from the keypad
- Low cost non-shielded cable up to 1km from decoder (power supply and cable dependant)
- Audible & Visual confirmation of all actions
- Custom proximity cards and tags are available for other Wiegand formats
- Operating Voltage 8 to 15V DC
- Operating Current 150mA.max
- Operating Temp 0° to 50°C
- Excitation Frequency 125 ± 5kHz
- Dimensions 126mm X 80mm X 17.5mm
- Weight 145g
- Designed and manufactured in Australia
- 36-month manufacturer's warranty



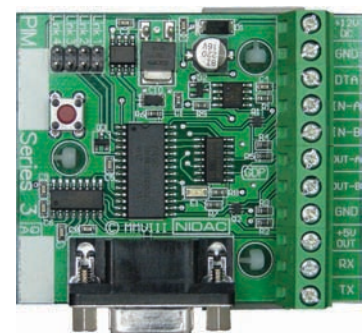
NP-PSC16

PRESCO™ INTERFACE MODULE (PIM)

The Presco™ Interface Module (PIM) needs an introduction as it a very clever device. It works by converting commonly used data formats to Presco™, RS232, Clock & Data or Wiegand format data.

PRESCO™ INTERFACE MODULE

- Converts from Wiegand, RS232, Presco™, Clock & Data (magnetic card) or Dallas ibutton™ (commonly referred to as silicon key) format
- Converts to Presco™, RS232, Clock & Data or Wiegand format
- Can convert to or from Wiegand with up to 64 bits of data, including up to 32 bit site code plus optional start and end parity bits
- User programmable site code when converting to Wiegand
- Reads up to 64 bits from Dallas ibutton™ user memory or 56 bits from factory ID
- Reads up to 32 characters or digits from Track 1, 2, or 3 Clock & Data (magnetic card) format input
- User programmable options using standard Presco™ keypad or via RS232 link
- Free software for RS232 programming is available from www.presco.com.au
- Compatible with all current Presco™ readers and controllers



NP-PIM

WHY PRESCO™ TECHNOLOGY?

We strive to provide our customers with high quality products at an affordable price. Our products are designed and backed up by our technical know how and focus on customer satisfaction and service.

PRODUCT INTEGRATION

VR SERIES KEYPADS



PSC16
COMBO
PIN/PROX

PTKR
TOUCH
KEYPAD

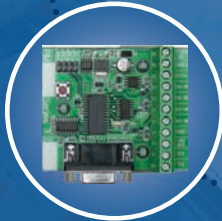


PRO2410
PROXIMITY
READER

PSR16
PROXIMITY
READER



PAC CONTROLLER



PIM PRESCO
INTERFACE
MODULE FOR
OTHER READER
TYPES



REQUEST TO EXIT (REX) DEVICES



ELECTRIC
DOOR STRIKES
& MAGNETIC
LOCKS

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