The Weatherproof Keypad sports an incredibly robust design that is dust proof and highly water resistant. Rated to IP65, the solid aluminium case is stylish and vandal resistant.

Perfect for gate or door access control where the Keypad will be exposed to the environment. In addition to the single door/gate access control, users may also separately arm/disarm their alarm system or just their tenancy. Visible feedback of "valid/invalid PIN" and "area armed/disarmed status" is provided through the LEDs.

This wholly Inner Range solution does not require special user configuration (unlike previous solutions using third party products). All users have access to PIN code functionality, similar to that of a normal Elite or Prisma Keypad, but restricted to the connected door/area associated with the Keypad or user.
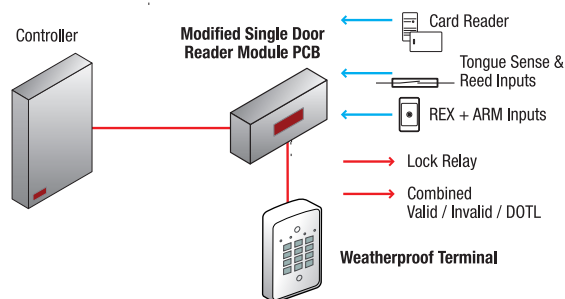
Features

Keypad
- Attractive, rugged case is highly vandal resistant
- Completely dust proof and highly water resistant IP65 rated case with no moving parts
- Control one door per keypad
- Control a security area associated with the door or user's special area
- Piezo effect push buttons with audible feedback
- Easy to install
- Displays login status and area status with "Code" and "Armed" LEDs
- Keypad lockout feature if >3 or 10 incorrect logins in a row
- Extendable flying leads provide option to house Reader Module in more sheltered location.

Reader Module PCB
- Provides reed and tongue sense monitoring
- Request to Enter (REN) and Request to Exit (REX) inputs provided
- On-board lock relay
- Fuse protection of keypad power

Connectivity

The Weatherproof Keypad is connected to the Controller RS-485 LAN through the supplied Reader Module. (Check memory allocations for module quantity with Concept Systems)

Controller — Modified Single Door Reader Module PCB — Card Reader; Tongue Sense & Reed Inputs; REX + ARM Inputs; Lock Relay; Combined Valid / Invalid / DOTL; Weatherproof Terminal

Specifications

Physical

Keypad Dimensions:	120(L) x 65(W) x 27(D) (mm)
Keypad Installation Environment:	-30º to +60º Celsius and 0 to 95% relative humidity (non-condensing). IP65 Moisture & Dust rating
PCB Dimensions:	95(L) x 95(W) (mm)
PCB Installation Environment:	0° – 50°C @ 15% to 85% Relative humidity (non-condensing)

Electrical

Input Voltage to PCB:	11-14VDC (Typically from separate power supply)
Operational Current:	Standby: 40mA
	Logged on: 45 to 55mA
	With lock relay active: 72mA
	All Auxiliaries active: 180mA
Fuse Protection:	500mA (Keypad/Reader power)

Inputs

Zone Inputs:	5 (May have predefined functions depending on programming options selected, i.e.: Door Reed, REX, REN, Tongue Sense and Arm button)
Reader Ports:	1 (used for keypad)

Outputs

Relay:	1 (Typically used for door lock)
Outputs (Open Collector):	5 (3 reserved for Valid/Invalid, Area Armed/Disarmed indication, keypad beeper)

Ordering Options

995010
Weatherproof Keypad (short form kit containing keypad and reader module PCB. Requires external power supply).

995010PCB&K
Weatherproof Keypad PCB (supplied with PCB only)

inner range