

Concept Weatherproof Terminal



Sporting a stylish, dust proof, highly water resistant, and vandal resistant brushed aluminium case, the Weatherproof Terminal from Inner Range adds yet more versatility to Integrity or Concept stable of security and access control products. This device is perfect for gate or door access control in exposed environments. In addition to 1 door access control, users can also separately arm and disarm their alarm system or a portion thereof using the Weatherproof Terminal. Along with the area control, there is visible feedback of “valid / invalid PIN” entry as well as “area armed / disarmed” status.

Easier to program, tighter integration...

Unlike previous solutions utilising third party products, this wholly Inner Range solution does not require special user configuration. With this terminal, all programmed system users have access to PIN code functionality similar to that of a normal Elite Terminal but restricted to the associated door and the area associated with the Keypad or the user. The new Weatherproof Terminal offers more features and tighter integration than third-party weatherproof terminal solutions for Integrity or Concept systems.

Key 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 Terminal
- 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

Specifications

Physical	
Keypad Dimensions:	120(L) x 65(W) x 27(D) (mm)
Keypad Installation Environment:	-30° to +60° 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° – 40°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)