

# *ICON 16*



***IC16V keypad.***



***IC16 or 48 keypad.***

# ICON 16

## Full Function 16 Section Multi reporting format Security Alarm System

### Features

- \* 16 Sections Expandable to 48
  - \* 6 Areas or Partitions with any section in any area.
  - \* 89 User Codes, each with individual control of areas
  - \* Serial Printer Interface for printing history or panel set up.
  - \* 2000 Event History Buffer.
  - \* Deadmans timer functions.
  - \* All programming is via keypad or Upload Download.
  - \* Read back : All programmed functions may be read back and are displayed by Arming Station LED s .
  - \* Entry / Exit or Handover delay on any Section.
  - \* Isolation on any section.
  - \* Keyboard Duress and Panic facilities.
  - \* User Codes + User area assignment + Time + Date can be changed by the Master Code.
  - \* Warning Beeper on Entry and Exit.
  - \* Metal cabinet conforms to AS2201 Standards.
  - \* Arming Stations: Up to 5 Keypads may be used. These are full function displaying all sector and all area information. The panel may be operated or programmed from any Keypad.
  - \* Exit/Entry Time: 0 - 90 Seconds Siren Time: 0 - 40 Minutes
  - \* Forced Arming: All instant sectors will prevent Arming if left unsealed.
  - \* Duress: Keyboard Duress is activated by Disarming the system with any user code and incrementing the last digit. E.g., if User code is 3473 the user can enter 3474, the system will Disarm and send a silent Duress Alarm.
  - \* Technician Code: Sets all variable functions including user codes. This code defaults to a factory setting and is technician programmable.
  - \* Master Code: Used to enter and delete user codes, set Time and Date and can be used to initiate Upload Download.
  - \* Alarm Memory: Last alarm is permanently stored and can be displayed on the Keypad showing first sector to alarm and
  - \* Tests: Walk Test, Keyboard test, Strobe and Siren tests are keyboard activated without the need to alarm the system.
  - \* Protection: All inputs are transient protected and Telecom input is fitted with a GAS Arrestor to guard against lightning damage.
  - \* All outputs fully Fused.
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*ICN16 Panel*

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# **ICON 16.. Technical Specification:**

## **Reporting Formats**

- *Auto Dialler using Ademco Contact ID.*
- *Securitel "Serial Data" reporting via RS232 STU*
- *EDL Direct Line protocol*
- *QuikTrak Serial Transponder Interface Protocol.*

## **Reporting Levels**

- *89 opening /closing user codes.*
- *Alarms and Restores per section.*
- *Isolates and De-Isolates per section.*
- *Keyboard Duress Alarm per user.*
- *Keyboard Panic Alarm / Restore.*
- *Deadmans timer- Timeout Alarm*
- *Low Battery.*
- *Mains Failure.*
- *Periodic Test Call.*

## **Panel Functions**

- *Multiple Remote full function keypads (up to 5)*
- *Metal cabinet conforms to AS 2201*
- *On Board 16VAC to 12VDC Regulator rated @1.5Amps*
- *Charges 12V, 6.5AH Battery*
- *Internal and External Siren, Strobe and Screamer outputs*
- *8 Open Collector outputs*
- *Separate Internal and External fuses*
- *Output 12VDC for detectors (up to 400mA)*

## **Setup Options**

- *All setup via Arming Station*
- *24 Hr arming per section.*
- *Silent operation per section.*
- *Multi - Break or Multi - Report per section.*
- *Exit / Entry delay on any sections in the ON mode.*
- *Exit / Entry delay on any sections in the PARTIAL mode.*
- *Handover on any sections in the ON mode.*
- *Partial Arming on any sections.*
- *Exit delay, Entry delay and Siren times.*

## **Protection**

- *High powered Gas Arrestor across Telecom Line rated at 10KVA*
  - *Ultra fast transient suppressing Zener on all wired inputs*
  - *Varistor across 16VAC input*
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