

D8 XCEL

D16 XCEL

CELL

SIM or NO SIM

Ness SIM and unlocked models available



“No Landlines ... No worries!”

D8XCEL and D16XCEL with cellular dialler onboard – the professional integrated control panel and cellular dialler solution!

- Operation and programming by SMS messaging
- Remote operation and programming via the free NessXCEL app
- Alarm reporting back to base by CID and/or self-monitoring by SMS
- Powerful SMS accessibility including: arm/ disarm, programming, check system status, read alarm memory, receive alarm messages and operate AUX outputs all by SMS/TXT
- Supports up to 4 mobile phone numbers for SMS reporting
- Fully customisable word library for SMS messaging
- All-new KPX and Navigator Keypads supporting cellular operation

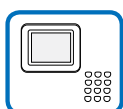
CENTRAL STATION MONITORING VIA CELLULAR

ARM & DISARM BY SMS

ALARM REPORTS BY SMS

PROGRAMMING BY SMS

GET SYSTEM STATUS BY SMS



Various Keypad Options



3G Dialler Onboard



Operation and Monitoring via SMS



Free XCEL app



Access Control onboard



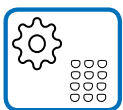
Powerful Wireless Options



Auto-Time Automation



8 x AUX Outputs



Easy Programming via Keypad



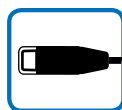
Fast Programming via PC



Free NessComms Installer Software



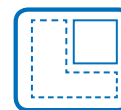
Convenient Programming via 3G



Adjustable Vibration Inputs on all Zones



C-BUS Compatible using Ness MiniCentral



Area Partitioning



Dual Voltage 17VAC & 20VDC

Control Panel Specifications

| | |
|--|---|
| POWER REQUIREMENT | Dual Voltage, 17VAC or 20VDC |
| QUIESCENT CURRENT DRAW | 80mA with 1 keypad |
| RECHARGEABLE BATTERY | 12 volt 7.0 Amp/hour Sealed Lead Acid |
| BATTERY CHARGING CURRENT | 350mA maximum, current limited |
| DYNAMIC BATTERY TEST | Backup battery is tested under load, hourly and on arming |
| FUSES | 2 Amp auto resetting / Siren output & Reset output 500mA auto resetting / 12 volt auxiliary outputs 200 mA auto resetting / strobe output |
| 3G MODULE | Dual-Band UMTS/HSPA+ 800(850)/2100MHz Quad-Band GSM/GPRS/EDGE 850/900/1800/1900MHz |
| SIM CARD TYPE | Standard SIM (Models available with and without locked Ness SIM) |
| ZONE INPUTS | 8 or 16 zone inputs. 2 x 24hr tamper inputs |
| END OF LINE RESISTOR | Choice of 12 programmable values including N/C. Default 2200 Ohms (2.2k) |
| MAXIMUM KEYPADS | Maximum 3x mixed keypads or 4x Navigator keypads per system |
| RECEIVER HEADER | Connection for the Ness Radio Interface |
| AUX HEADER | Multi-pin connector for 4 relay output board and connection for output expander/s |
| SERIAL HEADER | Serial data port for 1. Direct connect programming using NessComms™ software. 2. Two way serial data (V5.6+) 3. Ethernet interface |
| READER HEADER | Serial data port for data input/output and direct connect programming using NessComms™ software |
| SIREN OUTPUT | Siren driver with timed output. Max 3 x 8 Ohm horn speakers |
| STROBE OUTPUT | 12V DC timed output. Max. 2 x 1 Watt strobe lights |
| RESET OUTPUT | 12V DC timed output. Max. 3 x 12V piezo screamers |
| EQUIPMENT POWER OUTPUT | 13.8V DC output for powering detectors and other equipment. Maximum 500mA |
| DIMENSIONS | 235w x 300h x 90d mm (Plastic Housing) 330W X 310H X 105D MM (Carton) |
| CARTON WEIGHT (Plastic Housing models) | ~ 4kg including plug pack and battery |

Keypad Specifications

| | NAVIGATOR KEYPAD | SATURN+ KEYPAD | KPX+ KEYPAD |
|--------------------|---------------------------------------|--------------------------------|---------------------|
| DIMENSIONS | 108w x 86h x 15d mm | 89w x 130h x 15recess mm | 90w x 135h x 27d mm |
| DISPLAY TYPE | 3.5" Colour LCD | Backlit LCD | |
| DISPLAY RESOLUTION | 320 x 240 | Icon Display | |
| USER INPUT | Touch sensitive surface | Tactile flat keys | Tactile rubber keys |
| COMPATIBILITY | D8x & D16x panels V7 and later | D8x & D16x panels V6 and later | |
| DATA | 4 wire proprietary Ness data bus | | |
| OPERATING VOLTAGE | 13.8VDC supplied by the control panel | | |

Optional Accessories



106-100 Ness Navigator Touch Screen Keypad



106-323(x) Ness Saturn Premium Keypad (White, OMT, Black)



106-310 Ness KPX+ LCD Keypad White



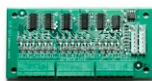
101-800 G1 Z-Wave Gateway



Various Ness sensors hardwired and wireless



100-200 Radio Interface



106-011 Output Expander



106-013 Relay Board



106-012 Reader Interface



101-244 IP232 Ethernet interface

Other

- 106-125 Ness MiniCentral C-Bus Interface
- 165-437 Surface Back-box for Navigator keypad
- 106-123 BLACK fascia only for Navigator keypad
- 106-132 SILVER fascia only for Navigator keypad



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