



## Ness D24 control panel

The Ness D24 is a highly powerful and fully flexible multi-zone industrial control panel.

Featuring 24 zone inputs plus 2 additional 24hr inputs. Three area partitioning, powerful input to output mapping, Off Site Control (Arm / Disarm / activate Aux. Outputs), Programmable Duress Codes, Single button Arming Option, Installer walk test Mode, Programmable general Purpose Timer, Door Chime Mode, True Dynamic Battery test, 2 Programmable Auxiliary outputs, Maintenance free resettable fuses, Programmable Siren Tones, 50 Event Memory.

Supplied with the Ness D24 LCD keypad, plug pack and 12V 7Ah battery.

### D24 SPECIFICATIONS

Construction	3mm Polycarbonate (equiv. 1.2mm mild steel)
Dimensions	350W x 270H x 120D mm
Plug Pack	240V AC, output 17V AC @1.4A
Power Supply	13.8V DC @ 800mA
Quiescent Current	80mA with 1 Keypad
Operating Voltage	9.5V-14V DC
Rechargeable Battery	12V 7.0 Amp/hour, lead acid
Battery Charging current	350mA maximum, current limited
Dynamic Battery Test	Every Hour and on arming 10.75V with a 5 amp load
Fuses	2 Amp resettable / sirens & reset. 500mA resettable / 12 volt auxiliary outputs 200 mA resettable / strobe output
<b>INPUTS</b>	
Zones	24 physical zone inputs 2 physical 24hr Tamper inputs
End of line resistor:	1 x 2200 Ohm (2.2K) without Zone Tamper 2 x 4700 Ohm (4.7K) with Zone Tamper
Remote Keypad data	Proprietary 4 wire
Maximum Keypads	3
J3 Header	Multi-pin connector for the Ness Radio Interface (100-200)
<b>OUTPUTS</b>	
AUX	Open Collector output, sink current 50mA
Relay	Changeover relay contacts rated 2A @ 24V
Siren A	On board siren driver. Timed output.
Siren B	On board siren driver. Timed output. (Maximum 3 x 8 Ohm horn speakers over both outputs).
Strobe	12V DC latching output. Maximum 2 x 1 Watt strobe lights
Reset	12V DC timed output. Maximum 3 x 12V piezo screamers
Equipment power output	13.8V DC, Maximum 500mA.

### Control Panel

100-660	NESS D24 PANEL WITH LCD KEYPAD. Includes keypad, plug pack, battery, manuals.
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### Extra Keypads

100-661	NESS D24 LCD KEYPAD.
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### Kits

100-660KIT	NESS D24 PANEL & SIREN KIT.
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PANEL & SIREN KITS INCLUDE THE CONTROL PANEL COMPLETE WITH KEYPAD, PLUGPACK, BATTERY, PLUS EXTERNAL HORN SPEAKER, SIREN COVER, STROBE LIGHT AND INTERNAL SCREAMER. CHOOSE YOUR DETECTORS FROM THE RANGE ON PAGES 24-27.

### Accessories

100-011	D24 OUTPUT EXPANDER.
SPECSOFT	NESSCOMMS UPLOAD/DOWNLOAD SOFTWARE.
890-252	D24 SPARE USER MANUAL.
890-253	D24 SPARE INSTALLER MANUAL.
110-232	D24 SPARE MAIN BOARD.

SYDNEY 02 8825 9222  
sales@ness.com.au

MELBOURNE 03 9875 6400  
nessmelb@ness.com.au

BRISBANE 07 3399 4910  
nessbris@ness.com.au

PERTH 08 9328 2511  
nessper@ness.com.au

ADELAIDE 08 8152 0000  
adelaide@ness.com.au



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www.ness.com.au