



NTouch Genie (NTG4)

❖ *Audio / Visual*

❖ *Lighting*

❖ *Security*

❖ *Home Automation*

*For iPad and iPhone
Or
Any web enabled device*

Applications include

- *Residential,*
- *Offices,*
- *Conference Rooms,*
- *Digital Signage,*
- *Sports Bars,*
- *Houses of Worship,*
- *Event Centers.*



Control at your Command

The **Ness NTouch Genie (NTG4)** is a network-enabled controller which interfaces to systems either via one of its 4 IR ports, RS232 port, TCP/IP port or one of its two onboard relays.

Control & Automate your premises including;

- Monitors, TV's, Displays,
- video sources,
- audio systems,
- amplifiers,
- shades,
- lighting systems,
- security and automation systems such as the Ness M1,
- and virtually anything you dream of...

The NTG4 includes voltage sensing, macro driven controller that can be customized by the installer to cater for any of your requirements.

Genie Project Software allows code-free device set-up, macro development and totally customizable GUI creation.

The NTouch Genie application enables an iPhone, iPad, or iPod Touch to control the system. In addition to this powerful app, the GUIs are rendered in HTML so any Web enabled device including smart phones, touch screens and PCs can be used as control interfaces.

The NTouch Genie can operate as a standalone controller, bidirectional RS232 capability allows it to also be an easy add on to existing control systems. Add another room, more equipment, or just use it to add web enabled interface capability.





Features Include

- Network Connectivity 10-Base-T
- Protocols TCP, UDP, HTTP
- Power 802.3af Compliant PoE or 12VDC 500 mA external
- Configuration TCP, UDP or Web Browser
- LEDs Status, Link, Activity
- Enclosure 20ga Steel, keyhole slots for wall mounting
- Dimensions (mm)
114.30x127x 25 (4.5" x 5" x 1")

- IR library built in with 348,000 codes to make installation quick and easy, plus learn and import IR facility
- Two configurable GPIO ports (general purpose input/output)
- Digital Input capability (does not take up IR port or require additional hardware)
- Sense Voltage (video sensing) or evaluate equipment state (on/off)
- Digital Output for control of turning equipment on or off
- Analog input to connect directly to line level audio or composite video to trigger events or evaluate equipment state
- Configurable input parameters allowing tailored sensing parameters to the device generating the signal.
- An internal GPIO port can be configured to act as a counter or frequency input to measure activity.
- Four IR ports and an IR blaster – Route IR to any port for specific equipment control or blast it to a rack of equipment
- Two SPDT relays for control of shades, projector screens, amplifier power up or turning lights on and off.
- Bi-directional RS232 – for direct equipment control or to work with other automation platforms.
- Power over Ethernet 802.3af for locations with no available power or in tight spaces that do not allow for an additional power supply.



Part No. 101-542



Includes 4 fully programmable IR Ports plus
1 x IR Learner / Blaster port.

I/O Connector Type 3.5 mm pitch plug gable terminal blocks

I/O Connections

- | | |
|--------------------------------|------------------------------|
| 1 – Ground | 8 - Relay 1 Normally Closed |
| 2 – RXD | 9 - Relay 1 Common |
| 3 – TXD | 10 - Relay 1 Normally Open |
| 4 - I/O 1 | 11 - Relay 2 Normally Closed |
| 5 – Ground | 12 - Relay 2 Common |
| 6 - I/O 2 | 13 - Relay 2 Normally Open |
| 7 – Ground | 14 - +12VDC @ 250mA max |
| Analog inputs 10 bit 0 – 12VDC | |

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