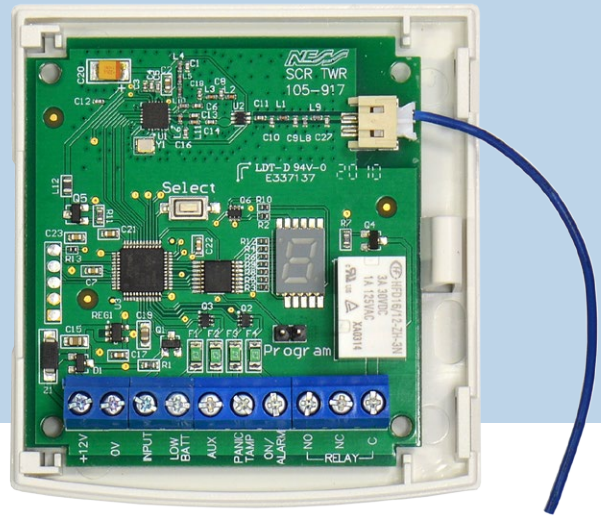


106-304



## Ness SCR-TWR

### Two Way Radio transceiver

The Ness SCR-TWR Two Way Radio Standalone Receiver is a unique high performance radio receiver designed to operate with Ness TWO WAY RADIO proprietary devices including Ness TWR Radio Keys, TWR Radio PIRs, TWR Radio Reed switches, TWR Radio Smoke Detectors amongst others.

The SCR-TWR is ideal for connecting to alarm panels which do not provide a wireless facility and can be used for connecting wireless devices for zone alarms, Panic buttons or Radio Keys for Arming and Disarming the Panel.

The Inhibit input gives the receiver the unique ability to identify the Armed/Disarmed status of an alarm panel. When used with a Ness TWR radio key it allows the receiver to always correctly Arm or Disarm the Panel.

The SCR-TWR is also ideally suited for applications that require a remotely switched relay output for low voltage switching applications e.g. garage door opening.

- True two-way signal acknowledgement
- 902-928 MHz frequency-hopping spread spectrum defends against interference, hacking and jamming
- Receives Two Way Radio ARM / Disarm / PANIC / AUX / Low Batt signals from all Ness TWR devices
- Two Way signals provide positive feedback of the relay state
- Supports up to 20 Ness TWR devices
- Easy programming and operation
- 1 x Relay output with selectable Pulse, Toggle & Latch modes
- 4 x Open Collector outputs for Panic/Tamper, On/Alarm, Aux, Low Battery
- Signal Strength indicator (with Hold mode)

# Typical System

## Specifications

OPERATING VOLTAGE	10-15V DC
QUIESCENT CURRENT DRAW	25mA (with relay activated)
RELAY OUTPUT	C.O. contacts rated 1A @ 28V max.
OPEN COLLECTOR OUTPUTS LOW BATT, AUX, PANIC/TAMP, ON/OFF	Open Collector 100mA @ 12V (low on alarm)
RADIO FREQUENCY	902-928 MHz spread spectrum frequency-hopping
COMPATIBILITY	Ness TWR devices
MAX. RADIO DEVICES	20 x TWR devices
DIMENSIONS IN HOUSING	75 x 80 x28mm
WEIGHT	73g

## Compatibility (Devices sold separately)

106-304 Ness SCR-TWR Receiver



106-270  
4 BUTTON RADIO  
KEY TWR



106-271  
LUX RADIO PIR  
TWR



106-272  
MICRO RADIO  
REED TWR



K-106-267  
3 ZONE SENSOR  
TWR



106-273  
SLIM LINE RADIO  
REED TWR

## Ordering Information

106-304 Ness SCR-TWR Receiver



Another Quality Product  
Designed and Made In Australia by NESS



Innovative Electronic Solutions  
[www.ness.com.au](http://www.ness.com.au)



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