

# UR2-WE

## Two-Way Wireless Universal Receiver

# UR2-WE

Whether installing new or upgrading existing systems the UR2-WE (Universal Receiver) offers the ultimate in flexibility as it provides the ability to connect ANY brand of wired control panel with a arm/disarm input output to the Enforcer two-way wireless range of devices.

The UR2-WE allows you to use the Enforcer wireless peripherals on any brand of wired alarm control panel. This wireless expander gives you the ability to add up to 10 wireless sensors or 6 wireless key fobs per channel, giving you all the great benefits of the multi-award winning Enforcer two-way wireless range.



# Overview



## Technology

2x Alarm relay outputs

1x Fault relay output

3x Wireless channels

Arm/Disarm Input

Sensor alarm indication on the display in real time

Two-Way wireless technology

868MHz transceiver FM technology

## Universal wireless external protection kit

2x XDH10TT-WE

1x UR2-WE

# Unique features of the Two-Way wireless used with UR2-WE

## Technology

### **Wired-Wireless** Technology

All wireless devices know when the system is armed and

**Armed:** All detectors are permanently awake awake

**Alarm:** During an alarm condition each activation of the each activation of the movement detectors is transmitted to the ARC or user because the detectors do not sleep after each activation.

**Disarmed:** The detection component of each of the movement component of each of the movement detectors is disabled continuing the two-way supervision messages

## Benefits

The wireless system behaves like wired not compromising the in anyway.

Making the protection much more secure

Since the detectors are not disabled for several minutes after activations the ARC will be able to follow the movement of the as they would on a wired system

Battery power preservation while retaining maximum security protection

Dedicated security transmission band reducing the amount of interference while utilising FM technology to give superior range

# Unique features of the Two-Way wireless used with UR2-WE

## Technology

Real time Signal Strength Indicators on both panels and

Each wireless device on the Enforcer is both a transmitter and a receiver

Dual antenna technology at the wireless hub end is used to “dead spots”, as there is a flexible choice of which antenna to transmit and receive wireless messages

The receiver has a very high sensitivity, resulting in a far than other wireless systems range - 1.6km in open space

Instant two way device control (ITDC)

## Benefits

The Signal Strength Indicator (SSI) allows installers, during installation, to view the radio transmission signal strength on the control panel and wireless devices in real time, aiding a professional installation.

Ensures that messages are transmitted and received by the and the control panel

Keeps the system stable and secure over the life of the

Enables repeater free installation reducing installation cost time

Enables instant wake up and sleep of devices, saving battery whilst maintaining the security of the system when armed

# Unique features of the Two-Way wireless used with UR2-WE

## Technology

Messages such as alarm, tamper, arm/disarm, faults and are KNOWN to have reached the panel and wireless

128 bit wireless protocol encryption ensures effective anti-code grabbing and multiple attempts at message delivery protection

Advanced jamming detection with frequency hopping

Transmission method - Fully encrypted rolling code

## Benefits

The segment display on the device will show the number of inputs have been activated during a set cycle on the panel

Very high level of protection of the wireless bus ensuring peace of of both users and installers.

Keeps the system stable in the event of accidental or malicious attempts

Ensure the wireless protocol transmission is fully secure between control panel and the two-way wireless devices

# Key features

## Real time Diagnostics

UR2-WE benefits from excellent wireless peripherals diagnostics options that allow the installer to check in real time the wireless signal quality. The signal strength is indicated on both UR2-WE and the Detectors.



## 7 segment display

After disarming the system the 7 segment display shows each sensor that has been in alarm for each wireless channel individually. This gives installers easy access to the information they need

Sensor 6 has been in alarm



# 10 reasons why you need UR2-WE

- Two-Way wireless protocol
- 128 bit protected wireless protocol
- Up to 1,6km in open space
- No inhibition time for the volumetric sensors
- Wide range of wireless peripherals including dual technology
- Real time diagnostics
- Now with walk test mode and active input indication
- Connecting Enforcer two-way wireless devices to ALL brands of wired control panels
- Fully encrypted rolling code
- External wireless kit offering excellent wireless protection of your perimeter



Any Questions?