GOODSPEED
ENVIRONMENTAL SERVICES

GOODSPEED
ENVIRONMENTAL SERVICES

No need to run a cable between the tank and pump

The **Easy⏻n** is a wireless float switch solution that maintains water levels in tanks, reservoirs and dams.

STATUS

FLASH GREEN	LINK OK
FLASH RED	NO RECEIVER
SOLID RED	TRANSMIT
AMBER	RECEIVE

EASY ⏻N

TRANSMITTER

RELAY

BLUE	RELAY ON
OFF	RELAY OFF

LINK QUALITY

GREEN	GOOD
AMBER	FAIR
RED	POOR
RED FLASHING	NO COMMS

⚠ **DANGER**

HIGH VOLTAGE

EASY ⏻N

AC SWITCH RECEIVER

Reliable wireless solution

The **Easy⏻n** is a pair of wireless relay units designed to reliably trigger and control relays over great distances.

When the input on the transmitter is triggered it will send a signal to switch the relay on the receiver unit.

The system comes in 2 different variants, 230VAC and 12-24VDC, in order to cater for any application required.

1. Tank/reservoir
2. **Easy⏻n** transmitter
3. Water pipe
4. **Easy⏻n** receiver
5. Pump control box
6. Borehole/river

Features:

- 2-3 year battery life
- +- 1km wireless range (LOS)
- Easy to install
- Normally open/closed relay control on base unit

PRODUCT SPECIFICATIONS

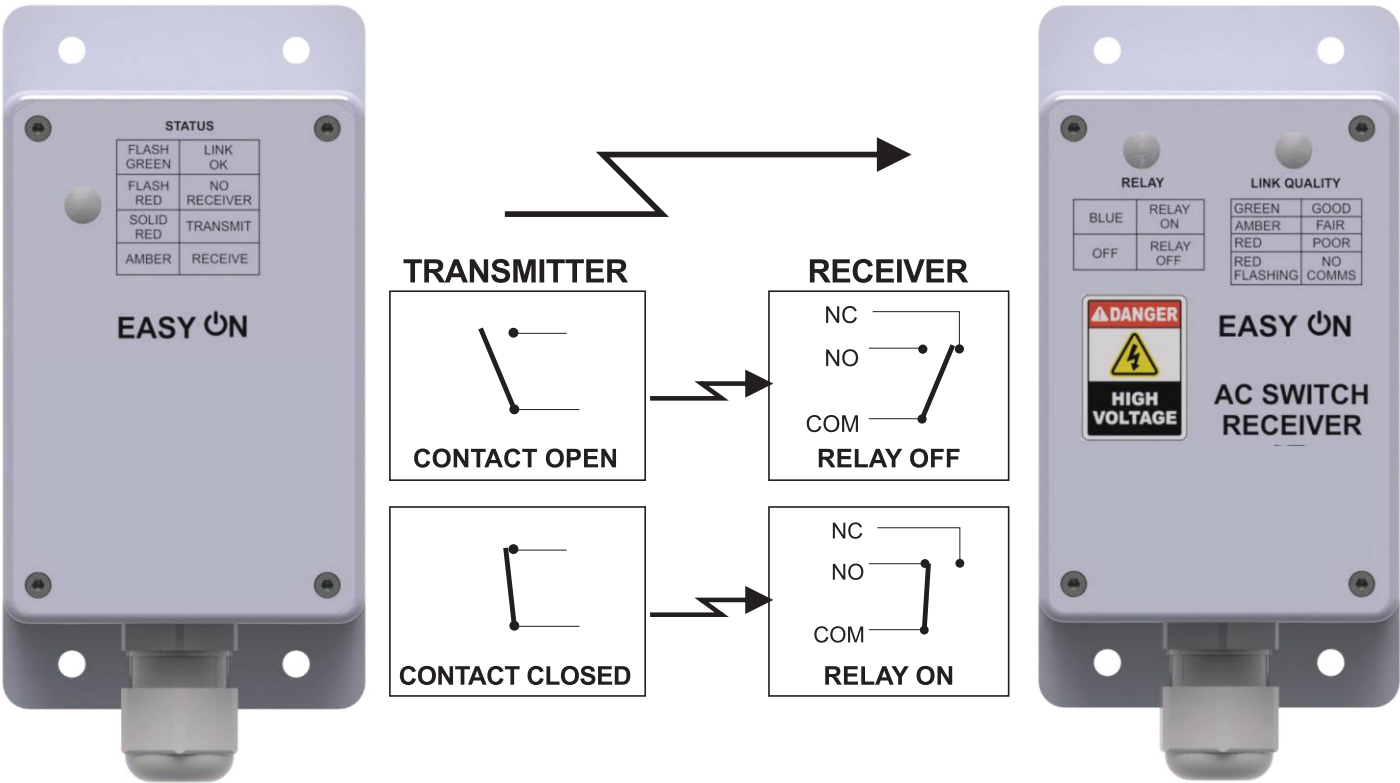| TRANSMITTER	
Dimensions	86 x 54 x 32mm
Weight	152g
Water and dust rating	IP 65
Battery capacity	2600mAh (3 year life span)
Connectivity	Long range wireless (LORA)
Operating temperatures	-10°C to 50°C

RECEIVER	AC	DC
Dimensions	86 x 54 x 32mm	86 x 54 x 32mm
Water and dust rating	IP 65	IP 65
Weight	200g	200g
Voltage rating	110-230V AC	12-24V DC
Relay output	2.2KW (Motor)	100W
Current rating	30A	2A

PRODUCT EXTRAS

Antenna medium range	1 - 2 KM
Antenna long range	2 - 4 KM
Float switch	5m
Float switch	10m

OPERATION AND INDICATORS

TRANSMITTER (device label)

STATUS	
FLASH GREEN	LINK OK
FLASH RED	NO RECEIVER
SOLID RED	TRANSMIT
AMBER	RECEIVE

EASY ON

RECEIVER (device label)

RELAY		LINK QUALITY	
BLUE	RELAY ON	GREEN	GOOD
OFF	RELAY OFF	AMBER	FAIR
		RED	POOR
		RED FLASHING	NO COMMS

⚠ DANGER — HIGH VOLTAGE

EASY ON — AC SWITCH RECEIVER

TRANSMITTER

CONTACT OPEN

CONTACT CLOSED

RECEIVER

NC / NO / COM — RELAY OFF

NC / NO / COM — RELAY ON

TRANSMITTER		
STATUS INDICATOR		**OPERATION**
Status lamp flashes GREEN	– – –	The transmitter did get a reply from the receiver
Status lamp flashes RED	– – –	The transmitter did not get a reply from the receiver

RECEIVER		
STATUS INDICATOR		**OPERATION**
Relay lamp is solid BLUE	——	The relay is on
Relay lamp is off		The relay is off
Status lamp flashes RED	– – –	No signal from the transmitter
Status lamp solid RED	——	Poor signal from the transmitter
Status lamp solid AMBER	——	Low signal from transmitter
Status lamp solid GREEN	——	Good signal from transmitter