



making waves in a wire-free world

DigiLink

UHF Radio Telemetry Systems

Applications

Security
Fire
Access control
Plant monitoring
Lone worker
Care Homes

Features

- DigiLink transmitters available with 5 or 10 zone inputs and use our latest high specification transmitter modules
- RX10 receivers feature 10 output zones plus a RS232 serial output
- As well as the standard DigiLink transmitter, the RX10 can also receive from our MPA Pendant, IMPACT Lone Worker, Wave Track, PB1B panic button and LPA OEM transmitter module.
- On-site paging can be implemented by adding a Connexions transmitter



T-Link 12V Telemetry Kit

DigiLink

DigiLink is more than just a simple transmitter and receiver system, it can incorporate panic buttons, lone worker alarms, personal pendant alarms, Wave Track 4 portable keypads, LPA low-power OEM transmitter modules as well as integration with the Connexions system to provide on-site paging.

DigiLink 3 Transmitter

Scope's latest generation of DigiLink transmitters are fitted with high specification transmitter modules to provide solid, reliable signalling to RX10 or other suitable receivers.

DigiLink 3 has either five or ten inputs which can be activated by volt-free or voltage triggers or a mixture of both, dependant on the configuration.

Regular 'In Service' calls can be automatically transmitted which can trigger a 'fault' zone on the receiver if the calls are not received. This gives the end-user confidence that the system is operating properly. The 10 zone version also has a special 'Burglar Alarm' mode with configurable entry/exit delay, transit zones and entry zone.

For advanced users who wish to program the unit themselves, a Programming Kit can be purchased. This consists of Windows based application software and a USB cable for PC. This allows all functions to be programmed and stored in secure non-volatile memory.

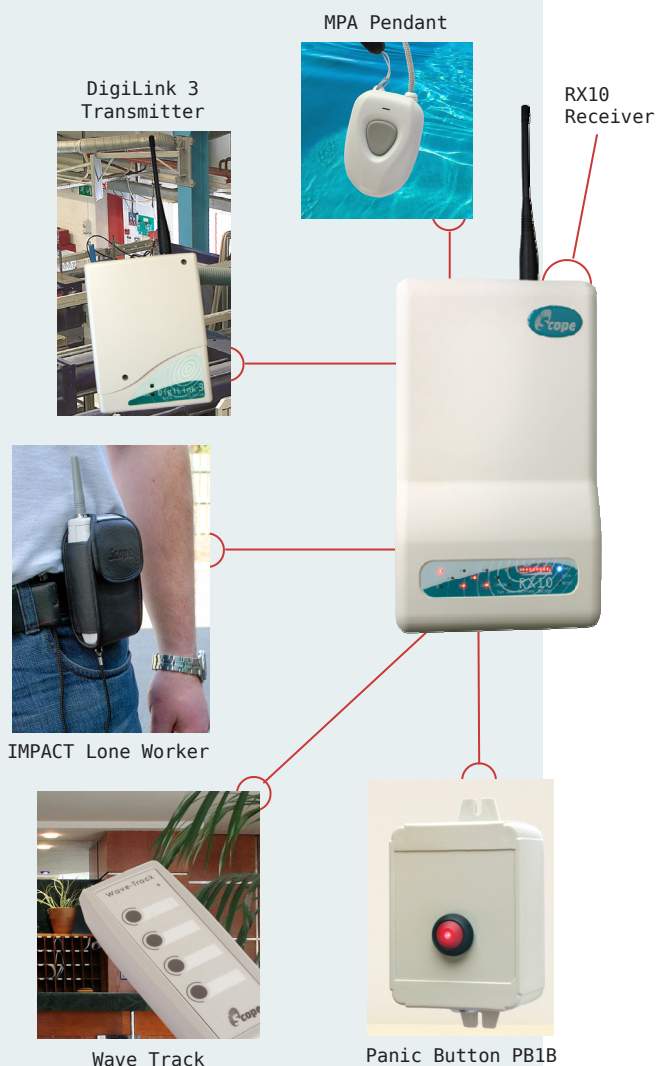
12VDC, 24VDC and mains powered versions are available, with an optional battery back-up facility for the mains version.

RX10 Receiver

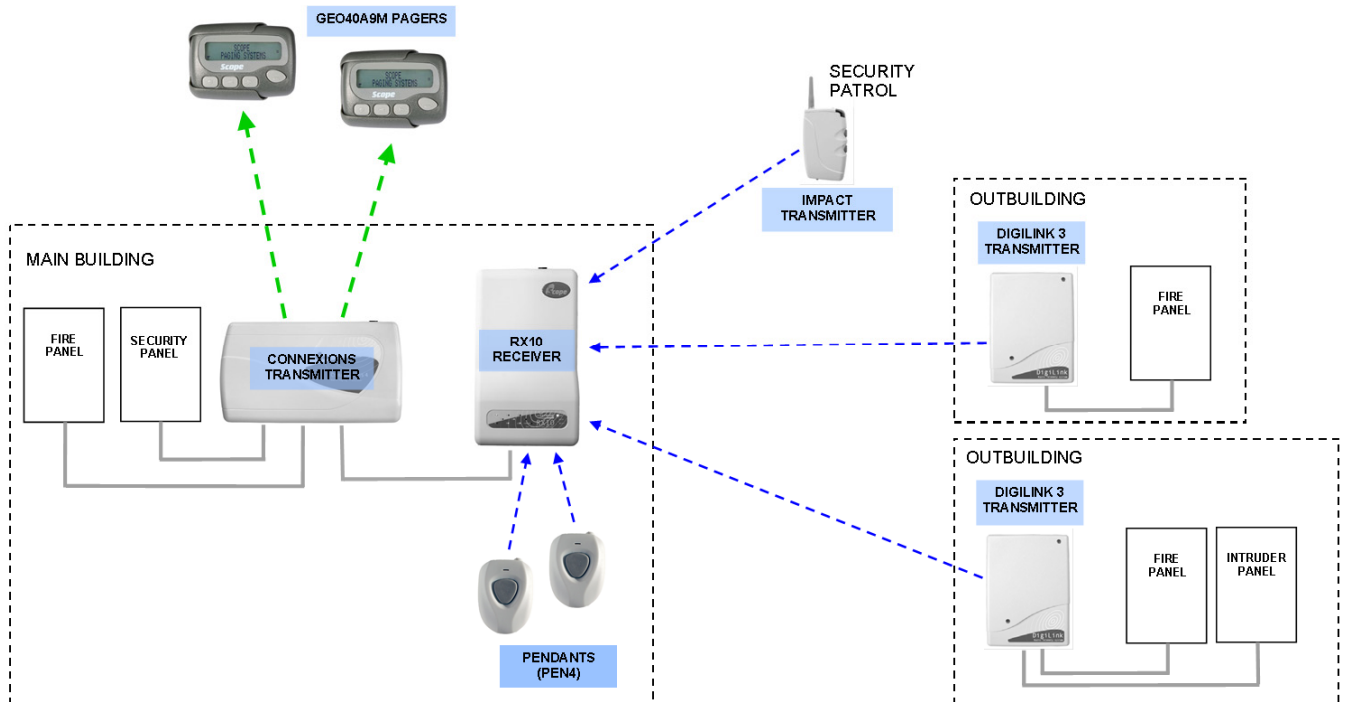
The 10 zones each have an individual relay output which can be set to operate latching, momentary or change of state. There is also a configurable common relay.

If 10 zones aren't enough then multiple expansion modules can be added (PZ10) each providing an additional 10 zones.

There is also a programmable RS232 serial output



DigiLink



The above illustrates the integration of various Scope products to provide a fast response system where pager wearers are informed of an event within seconds of its occurrence.

T-Link Kit

T-Link takes a 5-zone DigiLink transmitter and combines it with a RX10 receiver and two aerials to produce an 'off the shelf' one-way radio link between fire or intruder panels. The transmitter has five input zones which can be triggered by volts-free opening or closing contacts or can be configured to accept 'voltage applied' or 'voltage removed'

The system is supplied pre-configured to operate 'change-of-state', so a closing contact at the transmitter sends a signal to the receiver to activate the corresponding zone output relay. When the transmitter input is de-activated, the relay is deactivated so the output actually 'follows' the input.

A programming kit is available if you need to reconfigure the system. Additional transmitters and receivers can be added when needed.

System Integration

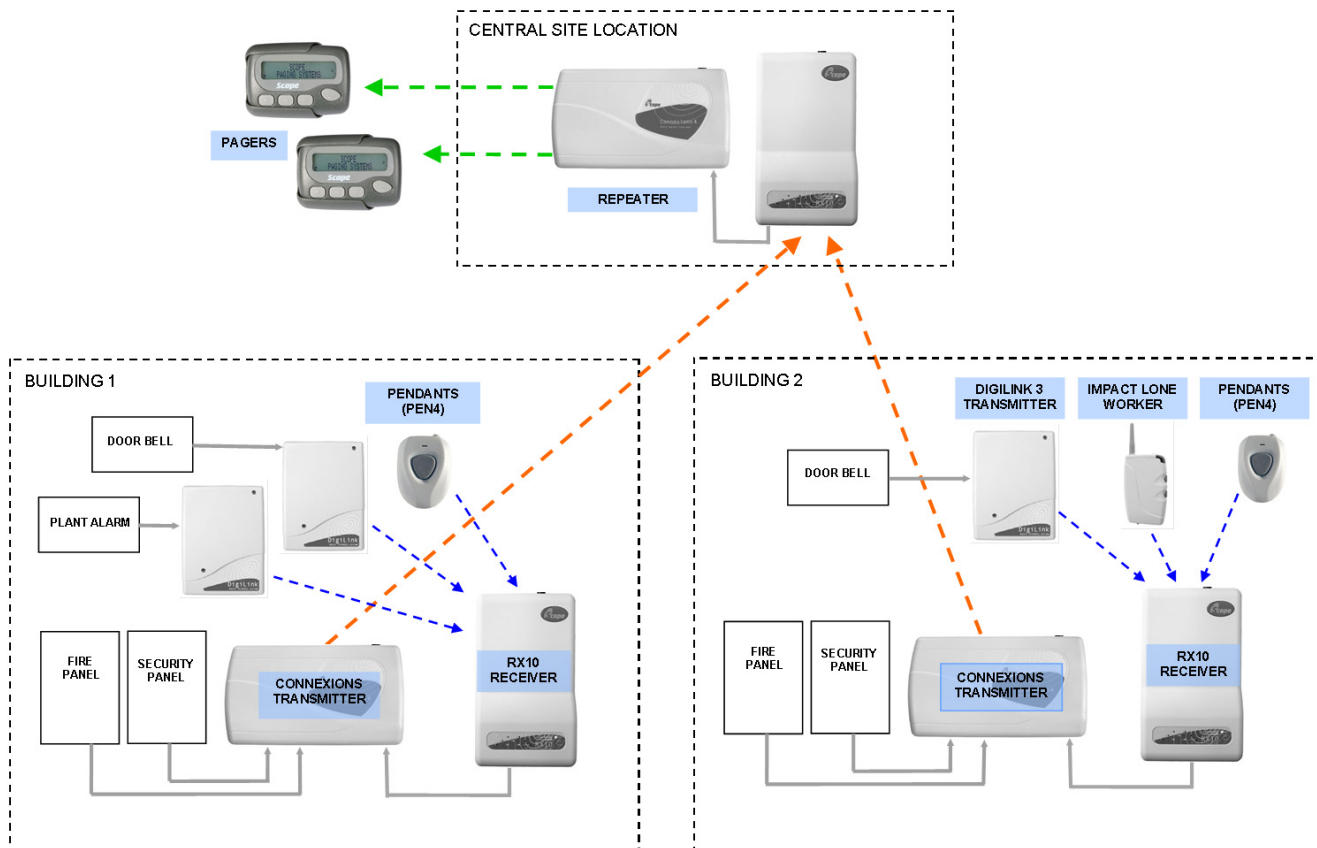
It is becoming an increasingly popular trend to monitor fire and security panels installed on sites with multiple buildings where it is a requirement to send signals to the main building in the event of activation, in some instances all building have to be made aware of emergency conditions.

This can simply be achieved by installing DigiLink transmitters and receivers adjacent to the fire or security panels where their relay contacts can be hard wired into the output/ inputs of the panel in order to provide wireless alarm signals between buildings.

For roaming fire marshals and security personnel the serial output of the receiver can be connected to the Scope Connexions Range of paging transmitters in order to send pre-programmed text messages to pocket worn pagers. It is also possible to connect the printer output of analogue addressable panel to a serial port of the Connexions transmitter in order to transmit real time panel messages to the pagers thus saving valuable time by not having to view the message at the panel.

The same format could also be deployed for access control, plant monitoring, lone worker and care home applications where staff has to be made aware of situations arising from automated or manual inputs.

DigiLink



An integrated system utilising a repeater in a central location to ensure full site coverage to the pagers. The system monitors the fire and intruder alarms as well as pendant alarms, lone workers and other devices



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