

R-LinX

The clever little alarm handler, capable of sending alerts to your two-way radio, smartphone and email.



R-LinX – FAQ

1. The **R-LinX** is not responding, what should I do?

Check the power supply is connected and the power is on.

Check the heart beat LED, this should be flashing if the device is running correctly.

2. How do I restore the **R-LinX** to manufacturer settings?

The restore switch is accessible via a small hole in the enclosure. A short press will reset the module and a long press will restore the original settings.

3. How do I connect to the **R-LinX** so that I can set it up?

There are two ways to connect to the **R-LinX**, for initial setup / configuration

Option 1 connect via the supplied crossover network cable and connect directly to the **R-LinX** network port.

The web address is <http://192.168.1.100:1880/ui>

Option 2 connect via the **R-LinX** built in Wi-Fi Ad-Hoc Network, the Wi-Fi password is globalview.

The web address is <http://172.24.1.1:1880/ui>

4. What radio systems can the **R-LinX** send alert messages too?

The **R-LinX** can be configured to work with a Motorola control station radio via USB or a Hytera control station radio via USB or an IP connection to a repeater.

(Note: Motorola DM series control radio connected via USB using Motorola Part No. PMKN4010B)

(Note: Hytera do not produce an interface cable this must be made, please see the **R-LinX** User Guide for parts and wiring diagram)

(Note: IP Hytera Repeater connection for Conventional DMR Tier II only)

5. How many onboard inputs does the **R-LinX** have?

The **R-LinX** has 4 contact closure inputs onboard that can be expanded further to 12 via a Brainboxes ED-588, Serial, TCP (Client or Server) and SMS.

6. Is the **R-LinX** capable of RS485 communication?

Yes. The **R-LinX** is capable of RS232 and RS485 communication. The onboard serial port is configurable within the **R-LinX** GUI.

7. What are the **R-LinX** outputs?

Radio, Radio Group, SMS, Email, Serial, TCP (Client or Server), Brainboxes ED-588, PC Workstation Alert.

9. What is the power consumption of the **R-LinX**?

The power consumption of the **R-LinX** is +5 Volt DC, 2.6 Amps.

10. What are the dimensions of the **R-LinX**?

The **R-LinX** dimensions are: 120mm height x 110mm width x 23mm depth

11. Can I edit the serial input before sending to a radio?

Yes. The serial input sentence can be viewed as a raw input message, allowing you to parse the message to the output format you require.

12. Does the **R-LinX** escalate the alarm if no acknowledgement is received?

Yes, if configured. The **R-LinX** has a flexible 3 stage escalation path. The alarm is escalated in a user selectable time interval if no acknowledgement is received. Simple to configure via the GUI, you must remember to press save after any changes.

13. Can I use more than one output at any stage of the escalation?

Yes. At each stage you can select the message to be sent to a DMR Radio, a group, an SMS, via email or via TCP/IP message. Just please remember to save the changes.

14. Does the **R-LinX** log data?

The **R-LinX** will log data to a csv file by inserting the supplied USB stick. Set the **R-LinX** to log on the Settings page and away you go.

15. Can I send SMS messages from the **R-LinX**?

Absolutely, you will need to purchase a D-Link USB GSM Dongle (Part No. DWM - 157) and a SIM card.

16. Is it possible to send an alert to email?

Yes. Often a message is required to be sent offsite or to employees who do not have a two-way radio. An internet connection is required.

17. Can I start the alarm escalation with an SMS message?

Yes, if a USB SMS dongle is connected, the alarm escalation path will be followed upon receipt of an SMS message.

18. Can I start the escalation from my DMR?

Yes, by sending a DMR text message to the **R-LinX** module.

19. How do I stop the alert escalating?

An escalation can only be stopped from radios by sending 'Accepted' as a reply message to the received alarm message.

20. Can I select not to OMIT an alert message?

Yes, just leave the OMIT field empty.

21. How does the lone worker function work?

The **R-LinX** has capacity for up to 10 Lone Workers at any time. If the end user fails to respond to the alert in a settable time, a radio message alert is raised to notify the specified radio group.

22. How do I update the firmware?

We have a great software tool enabling you to update to the latest firmware and features, available on the USB provided with the **R-LinX** module and from www.globalviewsystems.co.uk

23. Which Fire / Alarm Panels or Machinery does **R-LinX** work with?

R-LinX will work with any device that has a standard serial RS232/485 output stream such as a printer port.
R-LinX will work with any device that can send raised alarm events to a TCP server.

24. Do you have a specific list of equipment **R-LinX** will interface with?

As there are so many output protocols in use the list is always expanding. GlobalView Systems Ltd have a large number of NDA's in place with equipment manufacturers ensuring our devices are compatible with their products such as: -

Honeywell
Kentec
Protec
Consillium
Advanced Fire

And many more.

25. Who should I contact if I need further support?

Contact the team at Airsys on: -

Tel: +44 (0) 23 8071 8741
Email: technical@airsys.co.uk

To discover the full potential of **R-LinX**, contact the team at Airsys Communications Technology Ltd:

 +44 (0) 23 8071 8700

 technical@airsys.co.uk

 www.airsys.co.uk

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