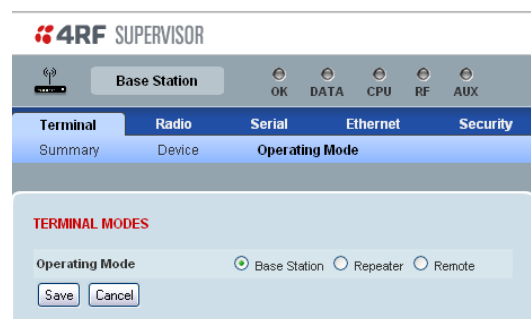
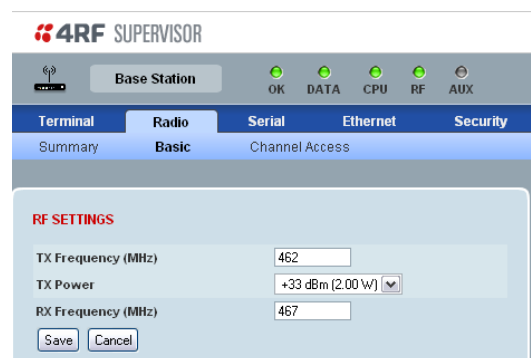


5. Set up the Aprisa SR radio

The Aprisa SR has a factory default Operating Mode of Remote Station. One radio in the FAN must be set up as a Base Station.



Set the Aprisa SR TX Frequency, RX Frequency and TX Power to comply with your site license.



You can now configure the remaining terminal and network parameters and settings. Please refer to the Aprisa SR User Manual for detailed instructions.

6. Monitor the Aprisa SR radio signal strength

When the network is installed, the radio signal strength can be monitored on remote stations by setting the radio to Test Mode.

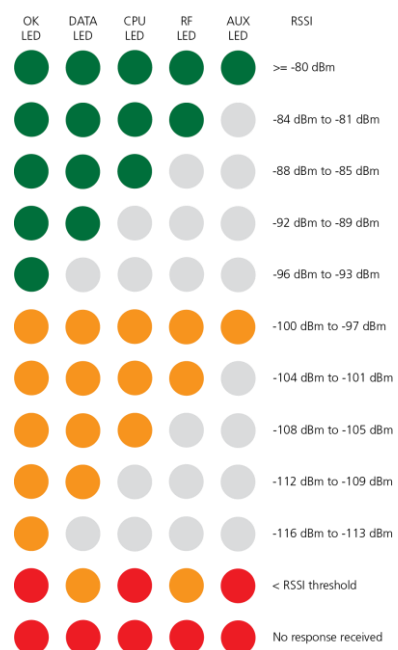
To enter Test Mode, press and hold the ENTER button on the radio LED panel until all the LEDs flash green (about 3 - 5 seconds).

In Test Mode, the LED Display panel presents a real time visual display of the RSSI. This can be used to adjust the antenna for optimum signal strength.

Note: The response time is variable and can be up to 5 seconds.

To exit Test Mode, press and hold the ENTER button until all the LEDs flash red (about 3 - 5seconds).

The RF LED will be green if the network is operating correctly.



Please refer to the Aprisa SR User Manual on the Information and setup CD for more information.

Aprisa SR



Quick Start Guide

Aprisa SR Radio

Contents

Follow these steps to operate your Aprisa SR radio:

Check the box contents

Install the Aprisa SR radio

Apply power to the Aprisa SR radio

Connect to the Aprisa SR radio

Set up the Aprisa SR radio

Monitor the Aprisa SR radio signal strength

1. Check the box contents

The Aprisa SR is shipped to you in a box containing the following:

(i). Aprisa SR radio fitted with a power connector.

The Aprisa SR has two antenna port product options:

Single Antenna Port

Example; part number APSR-N400-012-SQ-12-ETAA

Dual Antenna Port

Example; part number APSR-N400-012-DQ-12-ETAA



(ii) Information and setup CD containing the following:

- Aprisa SR Radio Software
- Aprisa SR Product Description and Aprisa SR User Manual
- Aprisa SR Software Release Notes
- Adobe® Reader® (for viewing the PDF files on the CD)
- USB Serial Driver
- TFTP server software
- Microsoft® Internet Explorer web browser
- Mozilla Firefox web browser



(iii) USB Cable USB A to USB micro B, 1m

(used for Command Line Interface management see Aprisa SR User Manual)

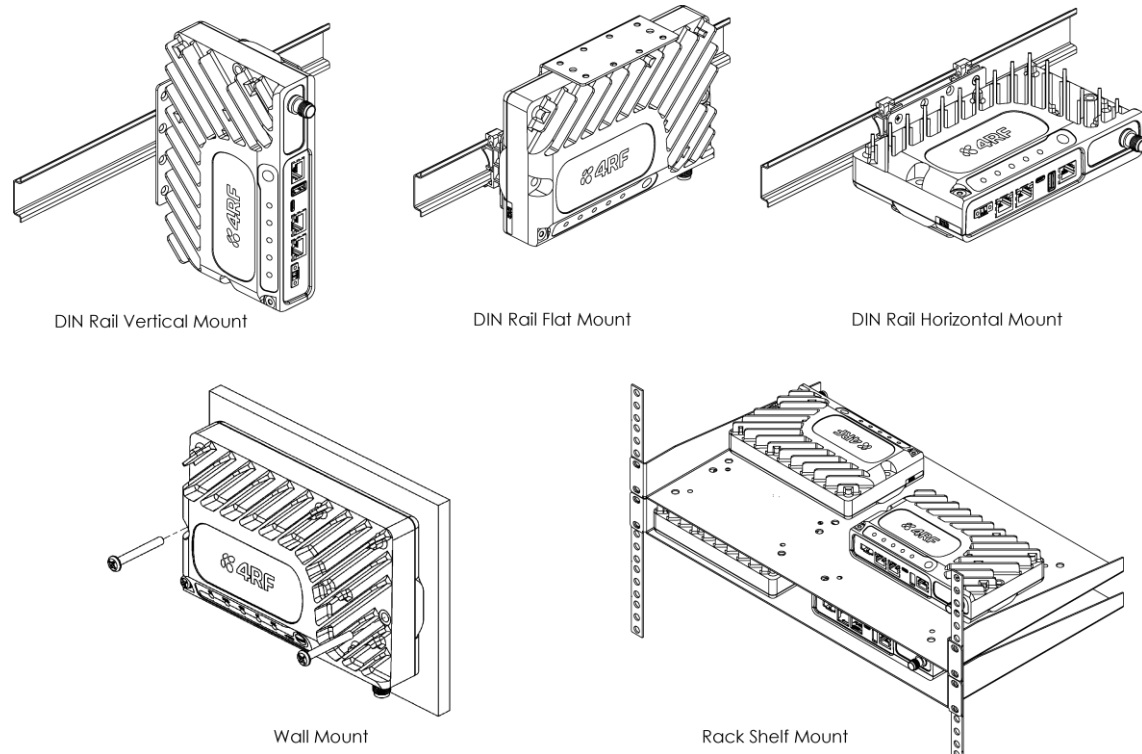


2. Install the Aprisa SR radio

The Aprisa SR has four threaded holes (M4) in the base and two holes (for M5 screws) through the enclosure for mounting. Mounting options include:

- DIN rail mounting with the Aprisa SR Mounting Bracket (optional accessory part '4RF Aprisa SR Acc, Mounting, Bracket, DIN Rail)
- Wall and rack shelf mounting
- Outdoor enclosures

The Aprisa SR mounting options are shown below:



3. Apply power to the Aprisa SR radio

Connect the antenna to the antenna port TNC female connector. If the antenna is not available, terminate the antenna port with a TNC male 50 ohm terminator (5 Watts min).

The Aprisa SR is operated from a DC source of voltage between +10 VDC and +30 VDC (negative earth) and consumes up to 30 Watts.

The power connector (Phoenix Contact 4 pin female) is supplied fitted to the radio. Wire your power source to the power connector (- / +) and plug the connector into the radio. The connector screws can be fastened to secure the connector.



Turn your power source on.

All the radio LEDs will flash orange for one second and then the OK, DATA and CPU LEDs will light green, the RF LED will light orange and the AUX LED will be off.

The Aprisa SR radio is ready to operate.

4. Connect to the Aprisa SR radio

The Aprisa SR has a factory default IP address of 169.254.50.10 with a subnet mask of 255.255.0.0.

Each radio in the network must be set up with a unique IP address on the same subnet.

If the IP address of the radio is unknown, it can be changed via the Command Line Interface on the radio MGMT USB port:

- Connect your PC USB port to the Aprisa SR MGMT USB port (see the Aprisa SR User Manual Command Line Interface section).
- Login to the radio with the default login 'admin' and password 'admin'.
- At the command prompt, type 'set termEthController1IpAddress xxx.xxx.xxx.xxx' and enter.

If the IP address of the radio is known or is the default IP address, it can be changed via the Ethernet port:

- Set up your PC for a compatible IP address e.g. 169.254.50.1 with a subnet mask of 255.255.0.0.
- Connect your PC network port to one of the Aprisa SR Ethernet ports.
- Open a browser and enter http://169.254.50.10.

Note: The Aprisa SR has a Self Signed security certificate which may cause the browser to prompt a certificate warning. It is safe to ignore the warning and continue. The valid certificate is 'Issued By: 4RF-APRISA' which can be viewed in the browser.

- Login to the radio with the default login 'admin' and password 'admin'.
- Change the IP address, Subnet mask and Gateway to network compatible IP addresses.

Terminal Summary	Radio	Serial	Ethernet	Sec
Summary	Device	Operating Mode	Protection	

TERMINAL SUMMARY	
Terminal Name	Base Station
Location	Wellington
Contact Name	4RF Support
Contact Details	Contact
IP Address	172.17.120.11
Subnet Mask	255.255.0.0
Gateway	172.17.0.4
Date and Time	02/05/2011 15:31

TERMINAL DETAILS	
Terminal Name	Base Station
Location	Wellington
Contact Name	4RF Support
Contact Details	Contact
Time Format	<input type="radio"/> 12 Hour (AM/PM) <input checked="" type="radio"/> 24 Hour
Time	15:33
Date Format	<input type="radio"/> MMDD/YYYY <input checked="" type="radio"/> DDMM/YYYY
Date	02/05/2011
IP Address (Ethernet 1)	169.254.50.10
Subnet Mask (Ethernet 1)	255.255.0.0
Gateway (Ethernet 1)	172.17.0.4