

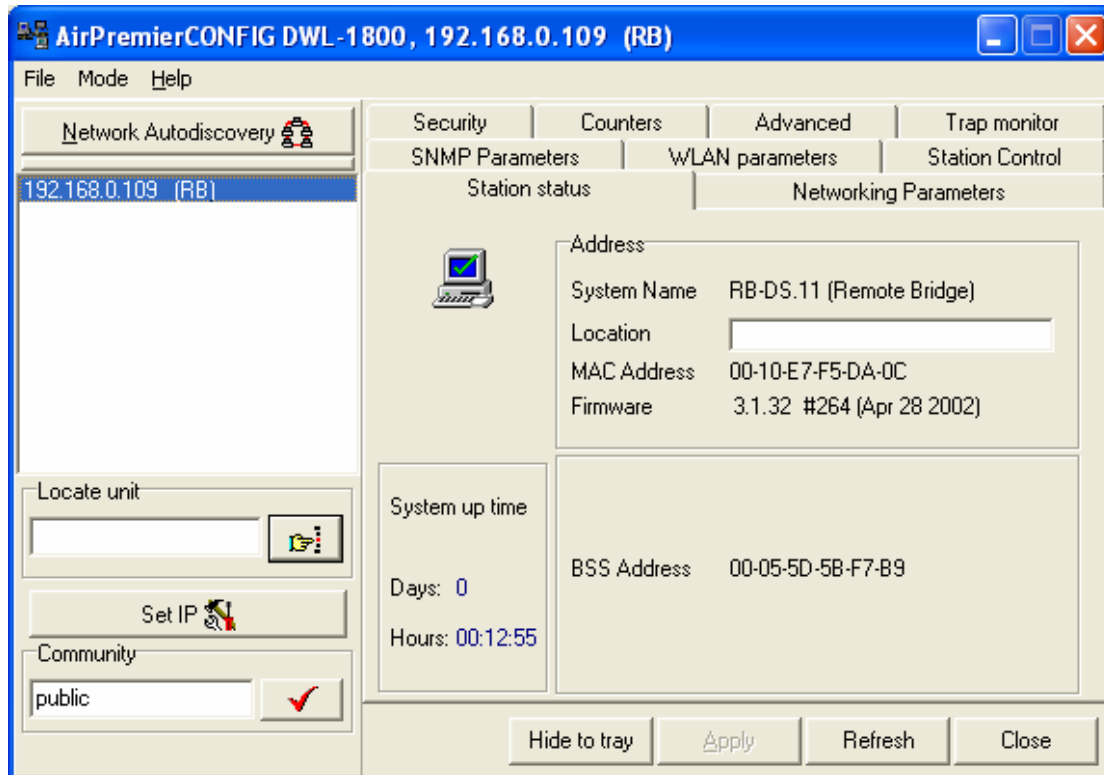
DWL-1800 Utility Screenshots

Version 2.1.9

Created by: Scott Howell

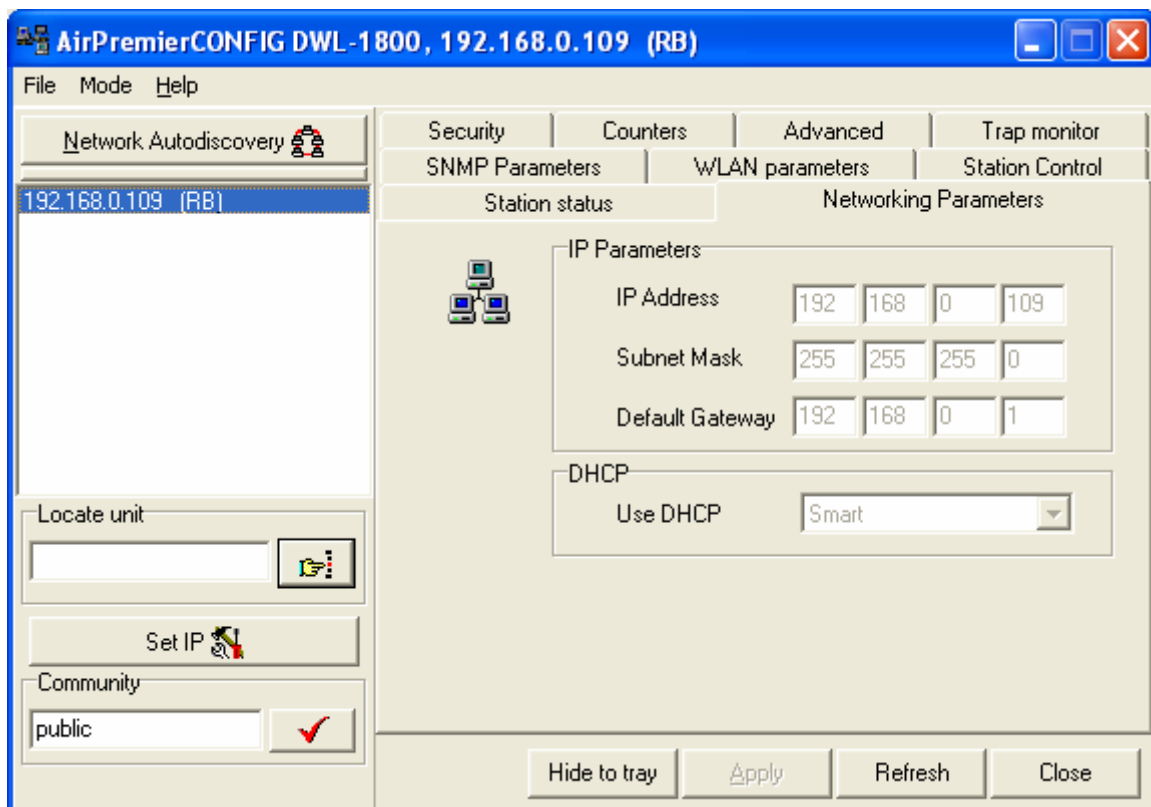
Unit can only be configured with the supplied software.

Unit Configuration



The screenshot shows the 'Address' tab of the AirPremierCONFIG utility. The left sidebar contains a list of discovered units, with '192.168.0.109 (RB)' selected. Below the list are buttons for 'Locate unit', 'Set IP', and a 'Community' field set to 'public'. The main panel has tabs for Security, Counters, Advanced, Trap monitor, SNMP Parameters, WLAN parameters, and Station Control. The 'Address' sub-tab is active, displaying fields for System Name (RB-DS.11 (Remote Bridge)), Location (empty), MAC Address (00-10-E7-F5-DA-0C), and Firmware (3.1.32 #264 (Apr 28 2002)). A 'System up time' section shows 'Days: 0' and 'Hours: 00:12:55'. A 'BSS Address' field shows '00-05-5D-5B-F7-B9'. At the bottom are buttons for 'Hide to tray', 'Apply', 'Refresh', and 'Close'.

Field	Value
System Name	RB-DS.11 (Remote Bridge)
Location	
MAC Address	00-10-E7-F5-DA-0C
Firmware	3.1.32 #264 (Apr 28 2002)
System up time	Days: 0, Hours: 00:12:55
BSS Address	00-05-5D-5B-F7-B9




The screenshot shows the 'IP Parameters' tab of the AirPremierCONFIG utility. The interface is identical to the first screenshot, but the 'IP Parameters' sub-tab is active. It displays fields for IP Address (192.168.0.109), Subnet Mask (255.255.255.0), and Default Gateway (192.168.0.1). Below these is a 'DHCP' section with a 'Use DHCP' dropdown menu set to 'Smart'. The 'Locate unit', 'Set IP', and 'Community' fields remain the same. The bottom buttons are 'Hide to tray', 'Apply', 'Refresh', and 'Close'.

Field	Value
IP Address	192.168.0.109
Subnet Mask	255.255.255.0
Default Gateway	192.168.0.1
DHCP Use DHCP	Smart


AirPremierCONFIG DWL-1800, 192.168.0.109 (RB)


File Mode Help


Network Autodiscovery 

192.168.0.109 (RB)


Locate unit



Set IP 



Community
 

Security Counters Advanced Trap monitor
 Station status Networking Parameters
 SNMP Parameters WLAN parameters Station Control

 SNMP Communities

Read
 Read/Write

Trap host IP address


Press  to set the local IP address
 Press  to clear the trap host IP address

Press the "Apply" button to apply changes

Hide to tray Apply Refresh Close


AirPremierCONFIG DWL-1800, 192.168.0.109 (RB)


File Mode Help


Network Autodiscovery 

192.168.0.109 (RB)


Locate unit



Set IP 

Community
 

Security Counters Advanced Trap monitor
 Station status Networking Parameters
 SNMP Parameters WLAN parameters Station Control

 General parameters

ESS ID
 Maximum data rate
 Transmit diversity
 Range

Regulatory domain
 ETSI
 Power

Channel settings
☒ Fixed Channel
☐ Scanning mode


Channel
 Preferred channels

1	2	3	4	5
6	7	8	9	10
11	12	13	14	

Hide to tray Apply Refresh Close


AirPremierCONFIG DWL-1800, 192.168.0.109 (RB)


File Mode Help


Network Autodiscovery 

192.168.0.109 (RB)

Locate unit




Set IP 

Community
 

Security Counters Advanced Trap monitor

Station status Networking Parameters

SNMP Parameters WLAN parameters Station Control



Regulatory domain
 ETSI
 Power 4 dBm

General parameters
 ESS ID default
 Maximum data rate 11 Mbps
 Transmit diversity Antenna No. 1
 Range Up to 5Km.

Channel settings
☒ Fixed Channel
☐ Scanning mode

Channel 6


Preferred channels

1	2	3	4	5
6	7	8	9	10
11	12	13	14	

Hide to tray Apply Refresh Close


AirPremierCONFIG DWL-1800, 192.168.0.109 (RB)


File Mode Help


Network Autodiscovery 

192.168.0.109 (RB)

Locate unit




Set IP 

Community
 

Security Counters Advanced Trap monitor

Station status Networking Parameters

SNMP Parameters WLAN parameters Station Control

 WEP Disable

Authentication algorithm
☒ Open System
☐ Shared Keys

Shared key
 Default key ID First


WEP keys

1st	00	00	00	00	00
2nd	00	00	00	00	00
3rd	00	00	00	00	00
4th	00	00	00	00	00

Hide to tray Apply Refresh Close


AirPremierCONFIG DWL-1800, 192.168.0.109 (RB)


File Mode Help


Network Autodiscovery 

192.168.0.109 (RB)

Locate unit



Set IP 

Community
 

Station status

SNMP Parameters


Security

Counters

Tx Counters

Tx Fragments	4439
Tx Frames	4116
Multicast Tx Frames	0333
Retry Count	0175
Multiple retry	0141
Failed Count	0000

Reset Counters

 Drag a counter to the graph image to view graph.

RSSI -74 dBm

Networking Parameters

WLAN parameters

Station Control

Advanced

Trap monitor

Rx Counters

Rx Fragments	1113
Multicast Rx frames	0708
FCS Error %58	2620
Frame Duplicate	0000

Link counters


Link

Tx Success	0000
Tx Fail %100	0021

Hide to tray Apply Refresh Close


AirPremierCONFIG DWL-1800, 192.168.0.109 (RB)


File Mode Help


Network Autodiscovery 

192.168.0.109 (RB)

Locate unit



Set IP 


Community
 

Station status

SNMP Parameters

Security

Counters



Output Power Level

Power

Networking Parameters

WLAN parameters

Station Control

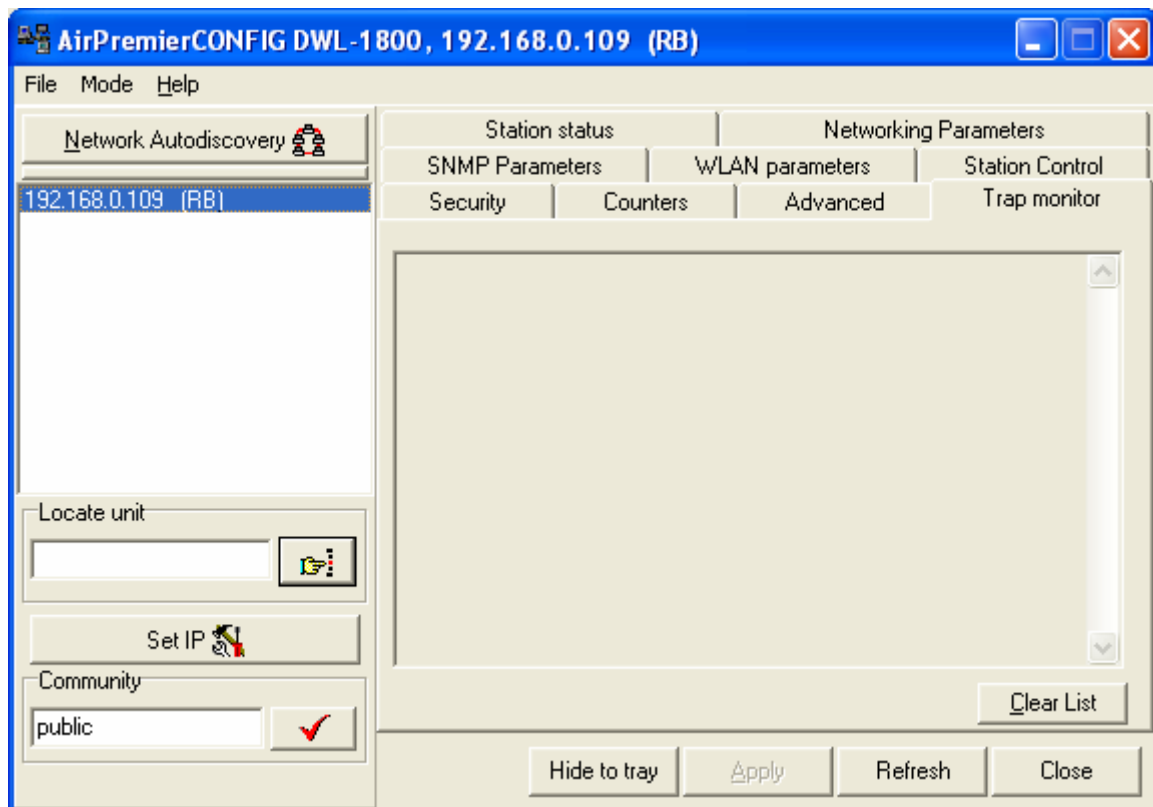
Advanced

Trap monitor

802.11 Performance Parameters

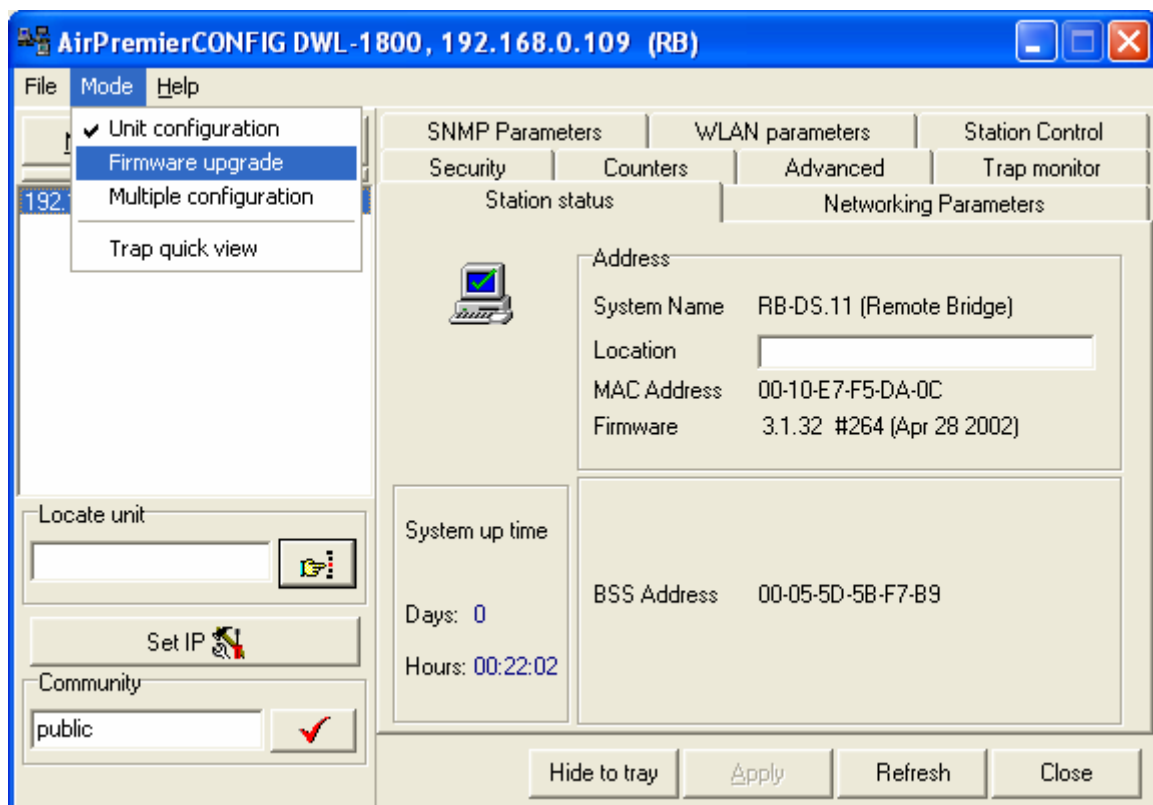
CW min	<input type="text" value="15"/>
CW max	<input type="text" value="1023"/>
RTS Threshold	<input type="text" value="2347"/>
Short Retry Limit	<input type="text" value="8"/>
Long Retry Limit	<input type="text" value="4"/>
Basic rate	<input type="text" value="2 (Default)"/>

Hide to tray Apply Refresh Close




Unit configurations can be saved to the harddrive by selecting File > Export.

Firmware Upgrading




AirPremierCONFIG DWL-1800

File Mode Help


Network Autodiscovery 

192.168.0.109 (RB)


Locate unit


Set IP 


Community


public 


Local file names


AP file name 


SA file name 

WBS file name 


WBC file name 


BU file name 

RB file name 

Remote file name 


After selecting the required devices from the device list, and supplying the required file names, press the "Start" button to begin upgrade operation.


Start 


Advanced 

Hide to tray Apply Refresh Close

Advanced TFTP setup

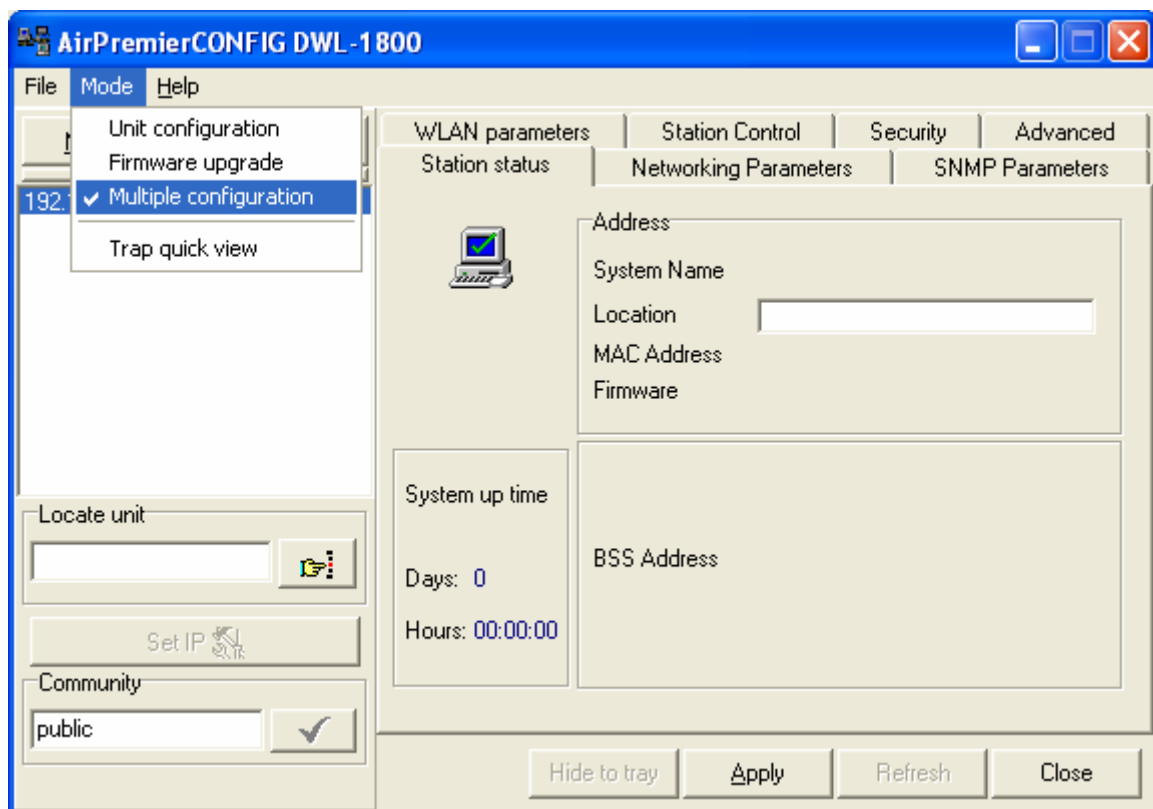
Packet timeout (Sec) 3 

Packet Retries 3 

Session Retries 3 

OK Cancel

Multiple Configuration



Basically the same as unit configuration minus a few screens. Such as Trap Monitor, Station Control, Counters

