

DWL-6600 AP firmware version: 4.2.0.9

Below is the setup procedure on standalone mode of DWL-6600 for reference.

Make sure you're stay on the setting page of 2.4Ghz (Radio 2), and the wireless mode is set to "IEEE 802.11b/g/n"

STEP1 (Optional). Set the DTIM value to "1"

STEP2 (Optional). Set the RTS threshold to "2100"

STEP3 (Must).Set the Fix multicast rate to "6"

STEP4 (Must).Remove the data rate "1,2,5.5,11" from Supported and Basic data rate, and make sure all other Basic and Supported data rate are ticked.

STEP5 (Optional). Enable the Broadcast/Multicast rate limiting, and set the value to "50/70".

Modify radio settings

Radio 2

Status ☒ On ☐ Off

Mode IEEE 802.11b/g/n

Channel 7

Channel Bandwidth 20 MHz

Primary Channel Lower

Short Guard Interval Supported Yes

Protection Auto

Beacon Interval 100 (Msec, Range: 20 - 2000)

DTIM Period 1 (Range: 1-255) 1

Fragmentation Threshold 2346 (Range: 256-2346, Even Numbers)

RTS Threshold 2100 (Range: 0-2347) 2

Maximum Stations 30 (Range: 0-200)

Transmit Power 100 (Percent, Range: 1 - 100)

Fixed Multicast Rate 6 Mbps 3

Legacy Rate Sets

Rate (Mbps)	54	48	36	24	18	12	11	9	6	5.5	2	1	4
Supported	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Basic	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

MCS (Data Rate) Settings

Index	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Enable/Disable	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

☒ Broadcast/Multicast Rate Limiting

Rate Limit 50 (packets per second)

Rate Limit Burst 75 (packets per second)

5

TSPEC Mode Off

TSPEC Voice ACM Mode Off

TSPEC Voice ACM Limit 20 (Percent, Range: 0 - 70)

TSPEC Video ACM Mode Off

TSPEC Video ACM Limit 15 (Percent, Range: 0 - 70)

TSPEC AP Inactivity Timeout 30 (Sec, Range: 0 - 120, 0 Disables)

TSPEC Station Inactivity Timeout 30 (Sec, Range: 0 - 120, 0 Disables)

TSPEC Legacy WMM Queue Map Mode Off

Click "Apply" to save the new settings.

Apply

STEP6 (Mustl). Set the beacon interval to "500".

Modify radio settings

Radio 2 ▾

Status ☒ On ☐ Off

Mode IEEE 802.11b/g/n ▾

Channel 7 ▾

Channel Bandwidth 20 MHz ▾

Primary Channel Lower ▾

Short Guard Interval Supported Yes ▾

Protection Auto ▾

Beacon Interval 500 (Msec, Range: 20 - 2000)

DTIM Period 1 (Range: 1-255)

6

End of document.