





**HP ProCurve Wireless Radio Country Approvals Matrix**  
**802.11b access point card 150wl**

Country	802.11b Access Point Card150wl	Channels														Rated EIRP (dBm) ④		Notes
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Integral Antenna	Range Extender Antenna	
		Center Frequency (GHz)																
		2.412	2.417	2.422	2.427	2.432	2.437	2.442	2.447	2.452	2.457	2.462	2.467	2.472	2.484			
<b>North America</b>																		
Canada	J8135A															15	18	①
USA	J8135A															15	18	①
<b>EMEA</b>																		
Austria	J8136A															15	18	②
Belgium	J8136A															15	18	②
Denmark	J8136A															15	18	②
Finland	J8136A															15	18	②
France	J8136A															15	18	② ③
Germany	J8136A															15	18	②
Greece	J8136A															15	18	②
Hungary	J8136A															15	18	②
Iceland	J8136A															15	18	②
Ireland	J8136A															15	18	②
Italy	J8136A															15	18	②
Liechtenstein	J8136A															15	18	②
Lithuania	J8136A															15	18	②
Luxembourg	J8136A															15	18	②
Netherlands	J8136A															15	18	②
Norway	J8136A															15	18	②
Poland	J8136A															15	18	②
Portugal	J8136A															15	18	②
Saudi Arabia	J8135A															15	18	①
South Africa	J8136A															15	18	①
Spain	J8136A															15	18	②
Sweden	J8136A															15	18	②
Switzerland	J8136A															15	18	②
Ukraine	J8136A															15	18	①
Un. Arab Emirates	J8136A															15	18	①
United Kingdom	J8136A															15	18	②
<b>Asia Pacific</b>																		
Australia	J8136A															15	18	①
China	J8136A															15	18	①
Hong Kong	J8136A															15	18	①
India	J8136A															15	18	①
Indonesia	J8136A															15	18	①
Japan	J8137A															15	18	①
Korea	J8135A															15	18	①
Malaysia	J8136A															15	18	①
New Zealand	J8136A															15	18	①
Singapore	J8136A															15	18	①
Taiwan	J8135A															15	18	①
Thailand	J8136A															15	18	①

- ① Indoor use only with integral or approved Range Extender antenna
- ② CE – NB 0336! Indoor use only with integral or approved range extender antenna
- ③ Use of this equipment on channels 8-13 is permitted for indoor use only. Please check Autorité de régulation des télécommunications (ART) website <http://www.art-telecom.fr> for latest requirements.
- ④ Equivalent Isotropic Radiated Power (EIRP) listed in table represents peak transmit power of AP card. EIRP levels on some channels may be less.

	AP Card approved for use on this channel
	AP Card NOT approved for use on this channel
	Use of this channel is limited to indoor operation only
	AP Card certification in process. Use on this channel pending

## HP ProCurve Wireless Access Point Country Compatibility Matrix 802.11a access point kit 160wl

Country	802.11a Access Point Kit 160wl	Channels											Rated EIRP (dBm) ③	Notes	
		34	36	38	40	42	44	46	48	52	56	60			64
		Center Frequency (GHz)													
		5.170	5.180	5.190	5.200	5.210	5.220	5.230	5.240	5.260	5.280	5.300	5.320		
<b>North America</b>															
Canada	J8138A													20	①
USA	J8138A													20	①
<b>EMEA</b>															
Denmark	J8149A													17	②
Finland	J8149A													17	②
France	J8149A													17	②
Germany	J8149A													17	②
Iceland	J8149A													17	②
Netherlands	J8149A													17	②
Norway	J8149A													17	②
Portugal	J8149A													17	②
Sweden	J8149A													17	②
Switzerland	J8149A													17	②
United Kingdom	J8149A													17	②
<b>Asia Pacific</b>															
Australia	J8138A													20	①
Japan	J8150A													22	①
Singapore	J8148A													20	①


① Indoor use only

② CE – NB 0336! Indoor use only

③ Equivalent Isotropic Radiated Power (EIRP) listed in table represents peak transmit power of AP card. EIRP levels on some channels may be less.

 AP Kit approved for use on this channel

 AP Kit NOT approved for use on this channel

 AP Kit certification in process. Use on this channel pending

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The information contained herein is subject to change without notice.

**HP ProCurve Wireless Radio Country Approvals Matrix**  
**Access Point Card 170wl**

Country	802.11g Access Point Card 170wl	Channels														Rated EIRP (dBm) Ⓞ	Notes	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14			
		Center Frequency (GHz)																
		2.412	2.417	2.422	2.427	2.432	2.437	2.442	2.447	2.452	2.457	2.462	2.467	2.472	2.484			
<b>North America</b>																		
Canada	J8432A																21.3	①
USA	J8432A																21.3	①
<b>EMEA</b>																		
Albania	J8430A																20.4	①
Armenia	J8430A																20.4	①
Austria	J8430A																20.4	②
Azerbaijan	J8430A																20.4	①
Bahrain	J8430A																20.4	①
Belarus	J8430A																20.4	①
Belgium	J8430A																20.4	② ⑦
Bulgaria	J8430A																20.4	①
Czech Republic	J8430A																20.4	②
Cyprus	J8430A																20.4	②
Denmark	J8430A																20.4	②
Estonia	J8430A																20.4	②
Finland	J8430A																20.4	②
France	J8430A																20.4	② ⑤
Georgia	J8430A																20.4	①
Germany	J8430A																20.4	②
Greece	J8430A																20.4	②
Hungary	J8430A																20.4	②
Iceland	J8430A																20.4	②
Ireland	J8430A																20.4	②
Israel	J8430A																20.4	①
Italy	J8430A																20.4	② ⑤
Jordan	J8430A																20.4	①
Kuwait	J8430A																20.4	①
Latvia	J8430A																20.4	②
Lebanon	J8430A																20.4	①
Liechtenstein	J8430A																20.4	②
Lithuania	J8430A																20.4	②
Luxembourg	J8430A																20.4	②
Malta	J8430A																20.4	②
Mauritius	J8430A																20.4	①
Moldova	J8430A																20.4	①
Morocco	J8430A																20.4	①
Netherlands	J8430A																20.4	②
Norway	J8430A																20.4	②
Oman	J8430A																20.4	①
Poland	J8430A																20.4	②
Portugal	J8430A																20.4	②
Qatar	J8430A																20.4	①
Romania	J8430A																20.4	①
Russia	J8430A																20.4	①
Saudi Arabia	J8430A																20.4	①
Slovak Republic	J8430A																20.4	②
Slovenia	J8430A																20.4	②
South Africa	J8430A																20.4	①
Spain	J8430A																20.4	②
Sweden	J8430A																20.4	②

## HP ProCurve Wireless Radio Country Approvals Matrix

### Access Point Card 170wl

Country	802.11g Access Point Card 170wl	Channels														Rated EIRP (dBm) Ⓔ	Notes
		1	2	3	4	5	6	7	8	9	10	11	12	13	14		
		Center Frequency (GHz)															
		2.412	2.417	2.422	2.427	2.432	2.437	2.442	2.447	2.452	2.457	2.462	2.467	2.472	2.484		
Switzerland	J8430A															20.4	Ⓐ
Turkey	J8430A															20.4	Ⓐ
Ukraine	J8430A															20.4	Ⓐ
Un. Arab Emirates	J8430A															20.4	Ⓐ
United Kingdom	J8430A															20.4	Ⓐ
<b>Asia Pacific</b>																	
Australia	J8430A															20.4	Ⓐ
China	J8430A															20.4	Ⓐ
Hong Kong	J8430A															20.4	Ⓐ
India	J8430A															20.4	Ⓐ ④
Indonesia	J8430A															20.4	Ⓐ
Japan	J8431A															16.4	Ⓐ ⑤
Korea	J8432A															21.3	Ⓐ
New Zealand	J8430A															20.4	Ⓐ
Philippines	J8430A															20.4	Ⓐ
Singapore	J8430A															20.4	Ⓐ
Taiwan	J8432A															21.3	Ⓐ
Thailand	J8430A															20.4	Ⓐ
Vietnam	J8430A															20.4	Ⓐ
<b>Latin America</b>																	
Argentina	J8432A															23.1	Ⓐ
Chile	J8432A															23.1	Ⓐ
Mexico	J8432A															23.1	Ⓐ
Peru	J8432A															23.1	Ⓐ
Venezuela	J8432A															23.1	Ⓐ

- 170wl approved for use on this channel
- 170wl NOT approved for use on this channel
- Use of this channel is limited to indoor operation only
- 170wl certification in process. Use on this channel pending

- Ⓐ Indoor use with integral antenna or indoor/outdoor use with approved HP external antennas
- Ⓑ CE - NB 0336! Indoor use with integral antenna or indoor/outdoor use with approved HP external antennas
- Ⓒ Use of this equipment on channels 8-13 is permitted is permitted for indoor use only. Please check Autorité de regulation des telecommunications (ART) website <http://www.art-telecom.fr> for latest requirements.
- Ⓓ India Telegraph Act 1885 requires End User License for 802.11g operation. To obtain a license, contact The Wireless Planning & Coordination Wing, Ministry of Communications, Sanchar Ghavan New Delhi.
- Ⓔ Operation on Channel 14 is limited to 802.11b operation
- Ⓕ Equivalent Isotropic Radiated Power (EIRP) listed in table represents peak transmit power of radio with integral antenna. EIRP level on some channels may be less.
- Ⓖ For Belgium, indoor use on Channels 1-13. Outdoor use on Channel 13 only.
- Ⓖ For Italy, indoor use on channels 1-13. Outdoor operation requires license from National Spectrum Authority.