

# Raspberry Pi 2 HDMI modes

This appendix contains the list of available screen resolution modes for the HDMI display configuration of the Raspberry Pi 2 IoT device. Table B-1 contains modes valid for `hdmi_group=1`, and Table B-2 shows the resolution modes for `hdmi_group=2`.

TABLE B-1 HDMI mode settings for `hdmi_group=1`

hdmi_mode setting	Resolution	Refresh rate [Hz]
1	VGA	60
2	480p	60
3	480p	60
4	720p	60
5	1080i	60
6	480i	60
7	480i	60
8	240p	60
9	240p	60
10	480i	60
11	480i	60
12	240p	60
13	240p	60
14	480p	60
15	480p	60
16	1080p	50
17	576p	50
18	576p	50
19	720p	50
20	1080i	50
21	576i	50
22	576i	50

hdmi_mode setting	Resolution	Refresh rate [Hz]
23	288p	50
24	288p	50
25	576i	50
26	576i	50
27	288p	50
28	288p	50
29	576p	50
30	576p	50
31	1080p	24
32	1080p	25
33	1080p	30
34	1080p	60
35	480p	60
36	480p	50
37	576p	50
38	576p	50
39	1080i	100
40	1080i	100
41	720p	100
42	576p	100
43	576p	100
44	576i	100

**TABLE B-1** HDMI mode settings for hdmi\_group=1 *(continued)*

hdmi_mode setting	Resolution	Refresh rate [Hz]
45	576i	120
46	1080i	120
47	720p	120
48	480p	120
49	480p	120
50	480i	120
51	480i	200
52	576p	200

hdmi_mode setting	Resolution	Refresh rate [Hz]
53	576p	200
54	576i	200
55	576i	240
56	480p	240
57	480p	240
58	480i	240
59	480i	60

**TABLE B-2** HDMI mode settings for hdmi\_group=2

hdmi_mode setting	Resolution	Refresh rate [Hz]
1	640x350	85
2	640x400	85
3	720x400	85
4	640x480	60
5	640x480	72
6	640x480	75
7	640x480	85
8	800x600	56
9	800x600	60
10	800x600	72
11	800x600	75
12	800x600	85
13	800x600	120
14	848x480	60
15	1024x768	43
16	1024x768	60
17	1024x768	70
18	1024x768	75
19	1024x768	85
20	1024x768	120

hdmi_mode setting	Resolution	Refresh rate [Hz]
21	1152x864	75
22	1280x768	60 (reduced blanking)
23	1280x768	60
24	1280x768	75
25	1280x768	85
26	1280x768	120
27	1280x800	60 (reduced blanking)
28	1280x800	60
29	1280x800	75
30	1280x800	85
31	1280x800	120
32	1280x960	60
33	1280x960	85
34	1280x960	120
35	1280x1024	60
36	1280x1024	75
37	1280x1024	85
38	1280x1024	120
39	1360x768	60
40	1360x768	120

**TABLE B-2** HDMI mode settings for hdmi\_group=2 *(continued)*

hdmi_mode setting	Resolution	Refresh rate [Hz]
41	1400x1050	60 (reduced blanking)
42	1400x1050	60
43	1400x1050	75
44	1400x1050	85
45	1400x1050	120
46	1440x900	60 (reduced blanking)
47	1440x900	60
48	1440x900	75
49	1440x900	85
50	1440x900	120
51	1600x1200	60
52	1600x1200	65
53	1600x1200	70
54	1600x1200	75
55	1600x1200	85
56	1600x1200	120
57	1680x1050	60 (reduced blanking)
58	1680x1050	60
59	1680x1050	75
60	1680x1050	85
61	1680x1050	120
62	1792x1344	60
63	1792x1344	75

hdmi_mode setting	Resolution	Refresh rate [Hz]
64	1792x1344	120
65	1856x1392	60
66	1856x1392	75
67	1856x1392	120
68	1920x1200	60 (reduced blanking)
69	1920x1200	60
70	1920x1200	75
71	1920x1200	85
72	1920x1200	120
73	1920x1440	60
74	1920x1440	75
75	1920x1440	120
76	2560x1600	60 (reduced blanking)
77	2560x1600	60
78	2560x1600	75
79	2560x1600	85
80	2560x1600	120
81	1366x768	60
82	1080p	60
83	1600x900	Reduced blanking
84	2048x1152	Reduced blanking
85	720p	60
86	1366x768	Reduced blanking



**Note** “Reduced blanking” refers to refresh rates with a reduced pause interval between consecutive images.

