

phyCORE i.MX8M Plus weston

BSP:BSP-Yocto-FSL-i.MX8MP-ALPHA2

BSPwestonHDMI, , weston:

```
/etc/xdg/weston/weston.ini

[output]
name=HDMI-A-1
mode=off                                # LVDS-1, currentoff

[output]
name=LVDS-1
mode=current                            # LVDS-1, offcurrent
```

modetest

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modetest

root@phyboard-pollux-imx8mp-1:~# modetest
trying to open device 'i915'...failed
trying to open device 'amdgpu'...failed
trying to open device 'radeon'...failed
trying to open device 'nouveau'...failed
trying to open device 'vmwgfx'...failed
trying to open device 'omapdrm'...failed
trying to open device 'exynos'...failed
trying to open device 'tilcdc'...failed
trying to open device 'msm'...failed
trying to open device 'sti'...failed
trying to open device 'tegra'...failed
trying to open device 'imx-drm'...done
Encoders:
id      crtc   type    possible crtcs  possible clones
38      33      LVDS    0x00000001      0xffffffff
37      0        TMDS    0x00000002      0x00000000

Connectors:
id      encoder status      name      size (mm)      modes  encoders
39      38      connected  LVDS-1      216x135      1      38
  modes:
    index name refresh (Hz) hdisp hss hse htot vdisp vss vse vtot)
#0 1280x800 59.07 1280 1380 1399 1440 800 804 808 823 70000 flags: phsync, pvsync; type: preferred, driver
props:
  1 EDID:
    flags: immutable blob
    blobs:

    value:
  2 DPMS:
    flags: enum
    enums: On=0 Standby=1 Suspend=2 Off=3
    value: 0
  5 link-status:
    flags: enum
    enums: Good=0 Bad=1
    value: 0
  6 non-desktop:
    flags: immutable range
    values: 0 1
    value: 0
  4 TILE:
    flags: immutable blob
    blobs:

    value:
```

```

40      0      disconnected      HDMI-A-1      0x0      0      37
  props:
    1 EDID:
      flags: immutable blob
      blobs:

      value:
    2 DPMS:
      flags: enum
      enums: On=0 Standby=1 Suspend=2 Off=3
      value: 0
    5 link-status:
      flags: enum
      enums: Good=0 Bad=1
      value: 0
    6 non-desktop:
      flags: immutable range
      values: 0 1
      value: 0
    4 TILE:
      flags: immutable blob
      blobs:

      value:

CRTCs:
id      fb      pos      size
33      43      (0,0)      (1280x800)
#0 1280x800 59.07 1280 1380 1399 1440 800 804 808 823 70000 flags: phsync, pvsync; type: preferred, driver
  props:
    24 VRR_ENABLED:
      flags: range
      values: 0 1
      value: 0
36      0      (0,0)      (0x0)
#0 nan 0 0 0 0 0 0 0 0 0 0 flags: ; type:
  props:
    24 VRR_ENABLED:
      flags: range
      values: 0 1
      value: 0

Planes:
id      crtc      fb      CRTC x,y      x,y      gamma size      possible crtcs
31      33      43      0,0      0,0      0      0x00000001
  formats: XR24 AR24 RG16 XB24 AB24 AR15 XR15
  props:
    8 type:
      flags: immutable enum
      enums: Overlay=0 Primary=1 Cursor=2
      value: 1
    32 zpos:
      flags: immutable range
      values: 0 0
      value: 0
34      0      0      0,0      0,0      0      0x00000002
  formats: XR24 AR24 RG16 XB24 AB24 AR15 XR15
  props:
    8 type:
      flags: immutable enum
      enums: Overlay=0 Primary=1 Cursor=2
      value: 1
    35 zpos:
      flags: immutable range
      values: 0 0
      value: 0

Frame buffers:
id      size      pitch

```

