

AD Board (4K Supportable)

NEPTUNE



24V DC In



12V DC In



SMPS In (Wafer Type)

◆ Display

UHD(3840x2160, 4096x2160) resolution display format.
Up scaling can do VGA, SVGA, XGA, SXGA, UXGA to
UHD VESA Standard Mode.

- Vx1 interface Max 32-Lane
- e-DP 16-lane(HBR2 - 5.4Gbps)
- e-DP 8-lane(HBR3 - 8.1Gbps)

◆ Video Input

- 3 x HDMI In/HDMI 2.1 /4K2K@60Hz
- 2 x DisplayPort In/DP1.4/4K2K@60Hz

◆ Audio

- HDMI Input: Digital Audio
- DisplayPort: Digital Audio
- SPDIF out port (Wafer type)
- Speaker Output: 10W+10W,Stereo Sound
- Headphone Output: 3.5Ø Stereo Jack

◆ Other Connections

- RS232 control Port (Wafer type)
- Key Pad/IR: 7Key, IR Remote Controller
- I2C control port (Wafer type: Master/Slave)

◆ Power

- 12VDC Power
- 24VDC Power
- SMPS In (wafer type)

◆ Basic Features

- Over driver/Over scan Function
- 6Color control
- PCM (Precise Color Management)
- Sharpness/Hue/Color Support
- Gamma Control
- Color Effect Function
- Response time Control
- UART for RS232 Control

◆ Advanced Features

- PIP/PBP(L/R, Top/Bottom)/4P(4Windows) Function
- PIP Sound Choice
- HDR (High Dynamic Range)/Optional Support
- Ambient Light sensor control
- FAN control (RPM) by temperature sensor
- DICOM / ECDIS calibration and support LUT

◆ Conditions

- Operating Temperature : -10°C~ 70°C
- Operating Humidity : 20%~90%RH
- Storage Temperature : -20°C~70°C
- Storage Humidity : 5%~90%RH

◆ Dimensions

- 200mm X 130mm x 14.6mm

◆ Options

- Light Ambient Sensor Board (I2C type)
- Temperature Sensor Board (I2C type)
- FAN control Board
- 12G SDI combination
- SDVoE combination