

METROSPEC

STIRLING LCD CONTROLLER

Video Wall
Support



Auto
Brightness



4Kx2K UHD
Compliant



Operates in
Extreme Conditions



*Please be advised that specifications are subject to change without further notification.

► Key Features: Stirling LCD Controller ◀

- HDCP 2.2 Compliant
- HDMI 2.0 Compliant
- Display Port V1.2a Compliant
- Supports HDMI 4Kx2K Input – HDMI, DP
- RoHS Compliance
- Supports Software Update Through USB Memory
- Supports UHD Panel (Vx1, eDP Interface)
- Supports up to QHD (2560x1440 @ 60Hz) Panel (LVDS Interface)
- Seven-Button Keypad Interface and On-Screen Menus Allow Adjustments to the System
- Supported RS-232C
- Supported RS-232C by RJ45 Interface
- IR: Remote Control
- Power: 12V, 5V, 5V Input
- LCD Dimming Control
 - Auto Dimming Control by Light Ambient Sensor
 - (Optional Manual Dimming Level Control)
- 2 x Fan Control Port
 - Automatic Fan Driving by Internal Temperature Sensor
 - Manual Fan Driving
- Environment:
 - Temperature = Operation: 0 to 50°C
 - Humidity = Operation: 10 to 80%

Features	Items	Specifications
Hardware	Target Panel	V by One 3840 x 2160 @ 60Hz, Vx1 Interface (8 lane)
		eDP 3840 x 2160 @ 60Hz, eDP Interface (8 ch)
		LVDS 2560 x 1440 @ 60 Hz, LVDS Interface (4 ch)
	RS-232C	DSUB 9P – Male (Default) • RJ45 (Optional)
	Fan Control Port	2 x 12V BLDC Motor Fan (Optional)
	Temperature Sensor	Internal
	Light Sensor	External Option
Input	Video	HDMI 2.0 x 1 (HDCP 2.2) DP v1.2a x 1 SDI x 1 (Optional)
	Key (7 Keys)	-, +, Left, Right, Source, Menu, Power
	IR (Infra-Red)	Remote Control
	RS-232C	DSUB 9P x 1 (Male): Serial Control, RJ45 (Optional)
Output	Video	HDMI 2.0 x 1: Output for HDMI Input SDI x 1: Output for SDI Input (Optional)
	RS-232C	DSUB 9P x 1 (Male): Serial Control
	Speaker Output	7W + 7W Typical
Dimensions	Stirling Board Dimensions	190mm (L) x 153mm (W)

Daisy Chain Specification

Input Resolution	SPECS	Remarks
3840 x 2160 @ 60Hz	Supports up to 9 Displays	Use Only HDMI 2.0 Cable
3840 x 2160 @ 30Hz	Supports up to 16 Displays	
1920 x 1080 @ 60Hz	Supports up to 25 Displays	