

LEAP-A

High Resolution Processor



LEAP-A is a new member in the Lighthouse processor family. This new processor offers a solution that is simple but high in quality to the fix installation LED Display market for digital signage application.

The LEAP-A has 18-bit of grayscale, a maximum of 4kHz refresh rate, and is able to support maximum of 2048×1152, 1920×1200, 2560×960 high resolution image. The LEAP-A processor incorporate the Lighthouse proprietary M4 calibration scheme to deliver true color images. The LEAP-A could implement self-adjustment on white balance calibration and color gamut mapping based on different features of LEDs to ensure reproduction of true colors

Product features

- Process DVI signals
- Maximum display capacity of up to 2048×1152 pixels
- Supports screen configuration at any time without a computer
- Supports manual adjustment of the screen brightness, which is convenient and efficient
- HDMI/DVI input;
- HDMI/external audio input;
- 1 light sensor interface;
- Cascading supported;

Specifications		
Features		
Input Standard		DVI
Output Standard		RJ45/Fiber-optic
Control Interface		USB
User Interface		Window base software which support Windows 95/ 98/ NT/ 2000/ XP/ 7
Physical Characteristics		
Connector Type	Input	DVI /HDMI / Connector to PC
	Output	DVI connector (one output) /HDMI / Network Interface
Environmental		
Temperature	Operating (°C)	0 to 40
	Storage / Shipping (°C)	-20 to +60
Electrical		
AC Input	Voltage (Volt)	100 to 240
	Frequency (Hz)	50 to 60
Warranty		
Warranty		1 year

* Lighthouse reserves the right to change any specifications without notice.