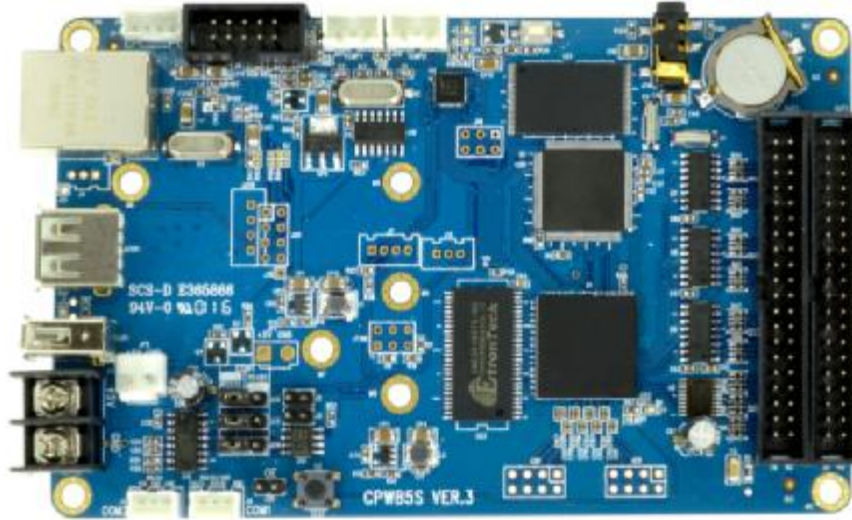


## C-Power 5 series full color controller

C-Power5 series card is the newly released newest asynchronous full color controller of Shenzhen Lumen Electronics Co.,ltd. It is more powerful with lower price, which make them much higher cost-performance and more competitive in the market.



C-Power5 series controller: **C-Power50A(TCP/IP and USB version)**; **C-Power51A(WIFI version)**;  
**C-Power54A (4G version)**

Application field:

advertise, bus and bus station, transportation, weather, school, marketplace, custom, high-way, charge station, hospital and etc.

Features:

- Ø 256~ 4096 grade grey-scale is optional , high scan frequency.
- Ø With smart setting function, support indoor and outdoor all kinds of LED display(including erect display, cross display and etc).
- Ø Various program types such as video, animation, picture, Word/Excel, text and etc.
- Ø Up to 10 windows could be divided freely and simultaneously play with different action modes; each window can set flickering window frame.
- Ø More than 60 effects for text and picture, such as: snow fall, mosaic, slide zebra, fan open and etc.
- Ø Powerful typesetting function ,text program edit in any language, font and size, display position can be randomly adjusted.
- Ø Analogue, digital world clock, Time counter (count up/ count down); temperature, humidity program and etc.
- Ø Text, Clock program can set "transparent", and overlay to picture or video and etc.
- Ø External GPS module, achieve synchronous timing function.
- Ø The card can be re-store different fond library and can be changed free, such as English, Chinese (simplified or traditional), Japanese, Korean and etc. Up to 8 different font libraries can be stored on board.

- Ø Infrared Remote controller, keyboard to select and control program, and etc.
- Ø The unified standard software is LedCenter. Multi-language interface can be switched free, such as English, Chinese (simplified and traditional). According to the software language source package, can develop any kind of language software interface.
- Ø The unified standard mobile phone APP software is CPowerLED, can edit the program information, select to play programs and control. According to the software language source package, can develop any kind of language software interface.
- Ø Support “LED wireless publishing platform” to cluster Management and Control.
- Ø Perfect second development interface and control protocols are same to the C-Power family; upgrading interface

Parameter \ Type		C-Power 5 series controller
<b>Greyscale and control size(pixel)</b>		4096~16384-grade grey scales 512*512 pixels,
<b>Display type</b>		Full color(compatible with single/dual color)
<b>Scan and display mode</b>		<b>Smart setting function</b> , freely to set all kinds of indoor and outdoor LED displays, support any type of special-shaped display, such as <b>erect display, cross display</b> and etc.
<b>Communication interface</b>		TCP/IP and USB interface, <b>WIFI</b> interface, GPRS interface、 serial port
<b>Memory</b>		4GMByte
<b>Window divided type</b>		Up to 10 windows could be divided and simultaneously play with different action modes; each window can set flickering window frame. Text, Clock and temperature/humidity program can set "transparent", and overlay to picture or video and etc.
<b>Program type</b>	<b>text</b>	<b>Multi-language</b> Text program edit in <b>any language</b> , font and size, display position can be adjusted pixel by pixel, powerful typesetting function, easily to adjust the text (Center, left, right, bold, italic, ...)
		<b>Font library</b> Customer can edit and according to the memory upload simultaneously various kinds of font size (16×16、24×24、56×56 etc.)、 multiple font style (Arial、 Times New Roman and etc.) various kinds of language font libraries(such as English, Chinese simplified and traditional optional), <b>can display 8 different font types simultaneously.</b>
	<b>Video</b>	AVI,MP4,MPG,WMV and etc.
	<b>Picture</b>	BMP、 JPG、 TIF、 PGN and etc. format of picture
	<b>Animation</b>	Various format animation, such as flash(swf),gif and etc.

	<b>Clock</b>	Analogue, digital clock, up to 8 types of clock format, support Chinese, English, Japanese clock, and display multi-timezone clock, <b>Time counter</b> (count up/ count down) and counting work.
	<b>Temperture word</b>	Auto detect and display environment temperature word、 excel、 rtf file and etc
	<b>Action mode</b>	More than 60 effects for text and picture, such as: snow fall, mosaic, slide zebra, fan open and etc 60
	<b>Program play management</b>	Support to make program with powerful play schedule and <b>insert instant message</b>
<b>Brightness adjustment</b>	<b>Adjust grade</b>	32-grade
	<b>Brightness</b>	Support auto-detect brightness
	<b>timing</b>	Timing to set brightness at each hour
	<b>Infrared wireless control</b>	Support to select program, change brightness and switch on-off screen and etc.
	<b>Keyboard</b>	Support to select program and change brightness and etc.
	<b>Secondary development interface/upgrading interface</b>	C-Power all series controllers use <b>the same unified, perfect</b> second development interface and external call protocols, customer develop only one time, then can support all C-Power series products, support upgrading online