C-Power2200

Animation controller Dual colors 16384 pix 10 windows division More functions

【**Product Introduction**】

 C-Power2200 is a member of C-Power new platform family. It's the compact product of the C-Power3200 which is the advance animation controller released by Shenzhen Lumen Electronics Co. Ltd.

 C-Power2200 and other C-Power family prodcuts sharing the same CPU platform, and has the same computing power as C-Power5200/4200/3200, All of C-Power family products have the same perfect second development interface and control protocol.

 Compared with C-Power3200, C-Power2200 cut the size of memory, slightly reduce the display size; but the functions,effects and program types are exactly the same.

【**Feature and Specification**】

Control size (mono/RG color)	16,384 pixels Self adjustment the size,such as 256*64, 512*32, 1024*16
Memory	Totol size: 2MByte（16Mbit) Program size: 1.5MByte Font library space: 512KByte
Program	All programs are transmitted by compression package, and then decompressed on control card. Supports animation(swf,gif) , picture, text, clock, temperature, etc. Text program edit in any language, any font and any size, free adjust Transparent text and clock program can be edit to cover photo More than 60 effects for text and picture, such as: snow fall, mosaic, slide zebra, fan open and etc., With multi-program mode. Stores up to 512 programs to the Led screen. With hierarchical management of programs in menu type so as to keep clear structure and convenient maintenance. Supports programs played at the appointed period (for example: week, hour, minute)
Separate window mode	Supports the segmentation of up to ten playing windows for each program. Supports playing the content in different formats for each playing window.
Affiliated features	With real-time clock (RTC) management and setting, support digital

	and analogue clock. Supports environmental data programs like temperature, etc. Supports sensors installed externally (32-grade brightness)
Font library	The card can be stored different fond library and can be changed free, such as English, Chinese (simplified or traditional), Japanese, Korean and etc.,
Standard software	**LedCenterV4.0.0 or above**
Standard communication mode	RS232/RS485 : maximum baud rate: 115200 network version: TCP/IP network interface, encrypted message transmission USB flash disk version: USB interface GPRS version: integrate GPRS module(Dual band or Quad band)
InDa remote & keyboard	Program list edit and display control by infrared controller or keyboard
External communication components	Supports various wireless communication modes: WIFI, GPRS, ZigBee, RF...
Others	Provides customized development interface and its manual, the interface is same to C-Power5200 Provides demonstration program and source code forcustomized development

【Relevant Download】

Software	LedCenterM sotware (click to enter) Vidieo decoder Part1Part2Part3Part4Part5Part6	**LedCenter** is a professional LED control system supporting software and can support Lumen LED control system To support AVI video, the decoder should be installed on the computer first.
Operation manual	1.Software operation manual manual of LedCenterM V5.0 click to download 2. IrDa remoter control manual click to	1.Software operation manual 2. IrDa remoter control manual

	download	
Tools and handbook	1. Installation handbook **click to download** 2. Schematic diagram for installation of the card: **click to download**	1. Hardware installation and debugging handbook for engineers. 2. Schematic diagram for layout, size and installation position of the ANVB3S CPU card.
Interface handbook for customized development	API and manuals **click to download**	DLL and interface handbook for customized development (Updated on Aug30, 2012)
Demo program and source code for customized development	DLL development package click to download	It includes demo program and source codes for customized development. (Updated on Aug30, 2012)
External protocol	External communication protocol click to download	External calls communication protocol
Plug board and gusset plate		Two KB20（HUB08） interface on board: 2 A B C D G1 G2 LD CK 16 1 N N N OE R1 R2 N N 15 One KB04（HUB12） interface on board: 2 A B C CK LD R G D 16 1 OE N N N N N N N 15