C-Power5200 full color controller

Full color controller 256-grade gray-scales Vidieo, animation...... 10 windows division
Higher performance

【Product Introduction】

   C-Power5200 is the new generation control system for advanced full-color gray-scale graph led screen, which is released by Shenzhen Lumen Electronics Co. Ltd.

   It has the higer performance,more functions,and larger memory than the last generation gray-scale controller C-Power 5000.

【Feature and Specification】

Control size (full , mono/RG color)	C-Power 5200 65,536 pixels, 256-grade gray scales Self adjustment the size,such as 1024*64 / 768*80 / 512*128 / 256*256
Memory	Totol size: 256MByte （2GMbit） Program size: 128MByte Font library space: 128MByte
Program	All programs are transmitted by compression package, and then decompressed on control card. Supports AVI video program *NEW!* 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 or video 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	128MB font library space 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	LedCenter V3.53 or above LedCenterV3.54 or above (to support video)
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: GPRS/CDMA, ZigBee, RF...
Others	Provides customized development interface and its manual. Provides demonstration program and source code forcustomized development Besides, provides "Wireless information issue" version.

【**Relevant Download**】

Software	**LedCenterM sotware** *(click to enter)* Vidieo decoder Part1Part2Part 3Part4Part5Part6	**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 V5.0.6: *click to download* 2. IrDa remoter control manual click to download	1.Software operation manual 2. IrDa remoter control manual
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 (for the red one, we provide the gusset plate.)	KB02 plug board CAM file click to download KB20 plug board CAM file click to download KB21 plug board CAM file click to download KB22 plug board CAM file click to download KB23 plug board CAM file click to download	KB02 interface： (full collor and static) 2 R1 B1 R2 B2 N N N N 16 1 R1 G1 R2 G2 CK LD OE N 15 KB20 interface： (full collor or RG, the "B2" should change to "D" , when 1/16 scan mode) 2 A B C B2 G1 G2 LD CK 16 1 N N B1 OE R1 R2 N N 15

KB13 plug board CAM file [click to download](#)

KB21 interface

2	G1	N	G2	N	B	N	LD	N	16
1	R1	B1	R2	B2	A	C	CK	OE	15

KB22 interface

2	N	N	NC	B1	N	N	N	D	16
1	CK	LD	R1	G1	OE	A	B	C	15

KB23 interface

2	G1	R2	B2	G3	R4	B4	A	C	LD	N	20
1	R1	B1	G2	R3	B3	G4	N	B	CK	OE	19

KB13 interface: (RG only)

2	OE	R1	R2	G1	G2	CK	LD	N	16
1	A	B	C	D	OE	N	N	N	15

【Relevant files】

[How to change C-Power controller's IP address](#)

[How to find C-Power contrller](#)