LED display controller HD-W63 (WIFI +USB Port)

Version：HD－W63　V1.0－2015.9

Hardware version: HD－W63 V1.0

Features

Types of control card	Single Color/ Dual Color /Tricolor
Control range	Single color：1024W*128H　3072W*32H Dual color：　512W*128H　3072W*16H Tri color：　672W*32H　1536W*32H
Scan modes	Static, 1/2、 1/3、,1/4、 1/5 、1/6、1/8、1/16 common modes etc
Communication type	WIFI Wireless + U-Disk
Power supply	+4.2－5.5V
Power consumption	≤0.5W
Work environment	-20℃--75℃
Installation dimension	96（W）* 66 （H）（mm）
Application Range	Used indoor outdoor, semi-outdoor, Led Pharmacy Cross signs Showing text, animation, time, clock etc
Languages	Support All languages
Communication distance	10-30 meter
Application Software	Software HD2016

I. HD-W63 Photo

II .Details Parameter

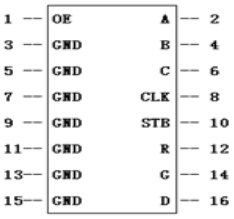
Details Parameter	
Flash Capacity	2M Byte(Can be expand 8M)
Communication Port	U-Disk to edit and updated programs
Signal Port	8 OF HUB12 , 4 OF HUB08
Program Quantity	1000pcs Programs. also can change program by button or remote if weld sensor (Remoter can select1-999 Programs)
Area Quantity	8 areas with separate zone, and separated special effects and border
Display Showing	Text, Hypertext (GIF、 Picture、 Animation Character、SWF、 Video),Excel, Time, Count, Digital, Temperature, Humidity, Brightness ,Background etc
Program Modes	Playing by Sequence or by Remoter or by Button
Display effects	1.Support all languages(Software :HD2016) 2.Support 7 color effects and 64 colors Gray level (HD-W62/W63/W64) 3. Border functions of Program border, area border and Custom design border. 4.Add Countdown /Count up, Button Countdown / Count up 5.Add Text Rotation of 90°、180°、 270° for display Text function of Hollow、Stroke etc 6.Add payment collection function 7.Updated program by U-disk 8. More than 200 types showing effects 9.Support Second develop SDK 10.More high brightness, more moving speed ,more refresh

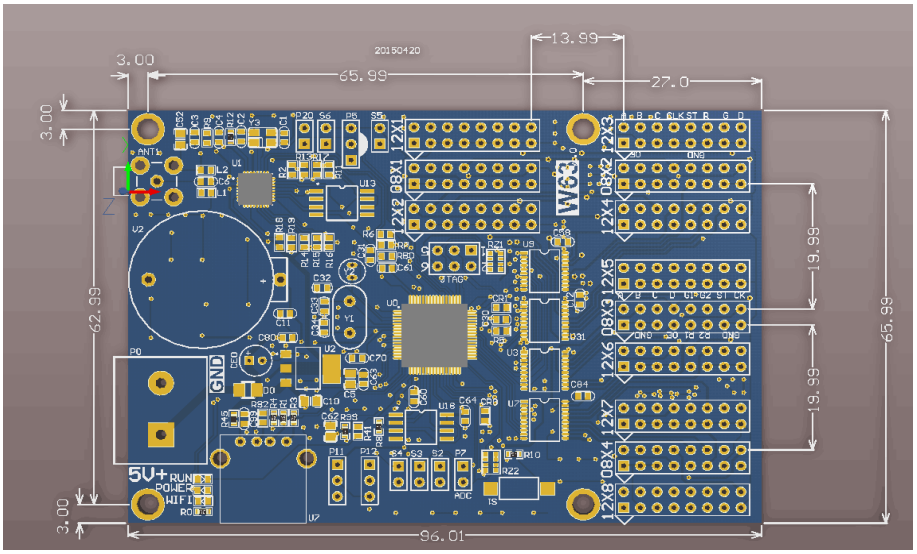
Time / Clock /Count Function	1. Support Digital Clock/ Dial Clock / Lunar Time/ 2. Countdown /Count up, Button Countdown / Count up 3. The font、size、color and position can be set freely 4. Support multiple time zones
Digit Function	1. Used in Parking place、Scoring device、Calculate by piece. 2. From Minimum to Maximum, from Maximum to Minimum
Expand function	Remote function、temperature、humidity、brightness etc. (If weld sensor) .Remoter can select1-999 Programs
Brightness Control	Brightness setting by Custom、Automatic(weld sensor) 、by time period regulation
Automatic close /open display	Support close /open display by time automatically

III. Port Definition:

The control board has 8 OF HUB12, 4 OF HUB08.

HUB12 Port



HUB08 Port

IIII. Setup Diagram: