灰度科技
HUIDU TECHNOLOGY

Product Specifications

Led control card HD-U60 (USB Port)

Shenzhen Huidu Technology Co., Ltd

V2.0 20170901

Overview

For signage, store, outdoor advertising and otherinformation display, HUIDU technology launched our U-disk series control card, updated the display programs by the USB port.

U60 is U-disk series control card, through the USB port to update the program. Cost-effective,simplesoftware to operate, better and richdisplay effects, support for a variety of monochrome display.

Application software: HD2018

Features

Content	Parameters
Support module	Single color/ Dual color/Tricolor
Control range Resolution	Single color: 512W*32H Dual color: 256W*32H Tricolor: 160W*32H
FLASH Capacity	2M Byte
Communication Port	U-Disk
HUB signal	2HUB12,1 HUB08
Program Quantity	1000pcs Programs. also can change program by button or remote if weld sensor (Remoter can select1-999 Programs)
Area Quantity	20 areas with separate zone, and separated special effects and border
Display Showing	Text、Animation word、Time、Count、Lunar calendar
Display effects	1.Support all languages(Software :HD2018) 2.Support 7 color effects and Gray level (HD-U62/U63/U64) 3. Border functions of Program border, area border and Custom

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Display effect	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
Clock 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
Extended Equipment	Remote function、temperature、humidity、brightness etc. (If weld sensor) .Remoter can select1-999 Programs
Automatic switch screen	Support switch on/off display automatically
Brightness adjustment	Brightness setting by Custom、Automatic(weld sensor)、by time period regulation

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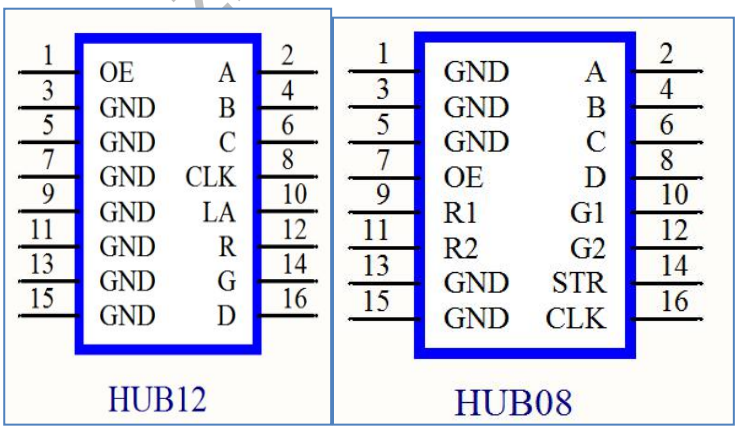
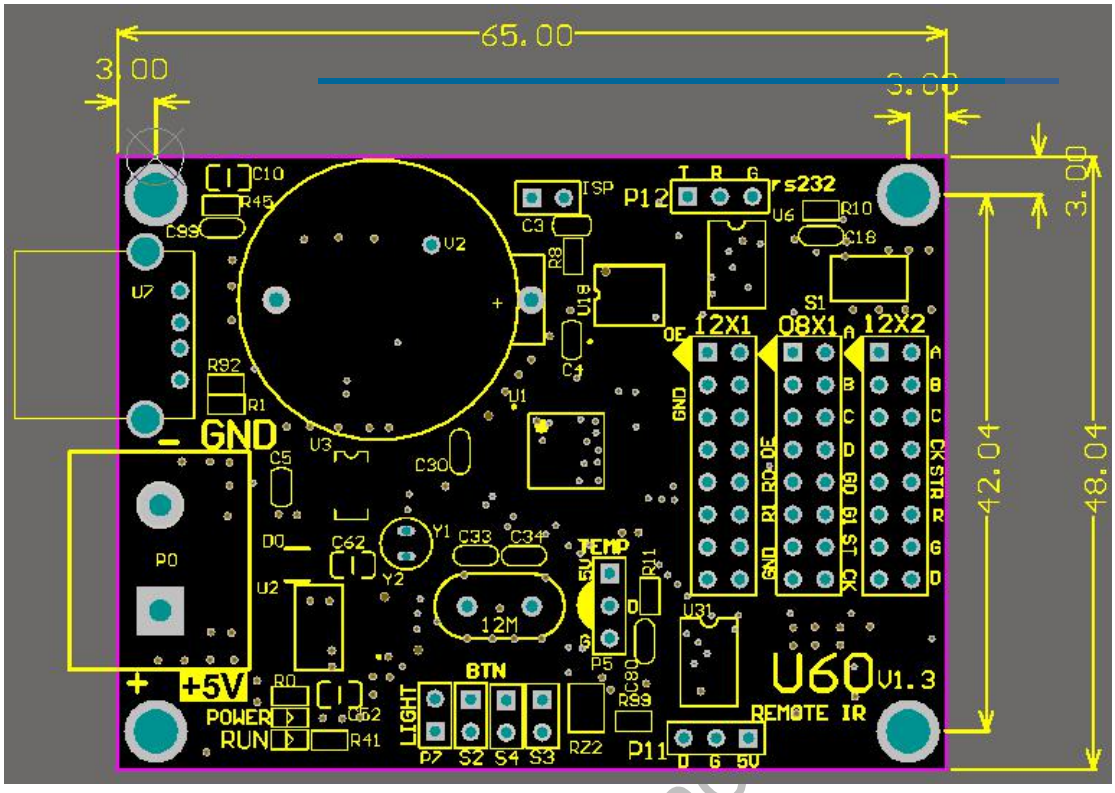
Port Definition

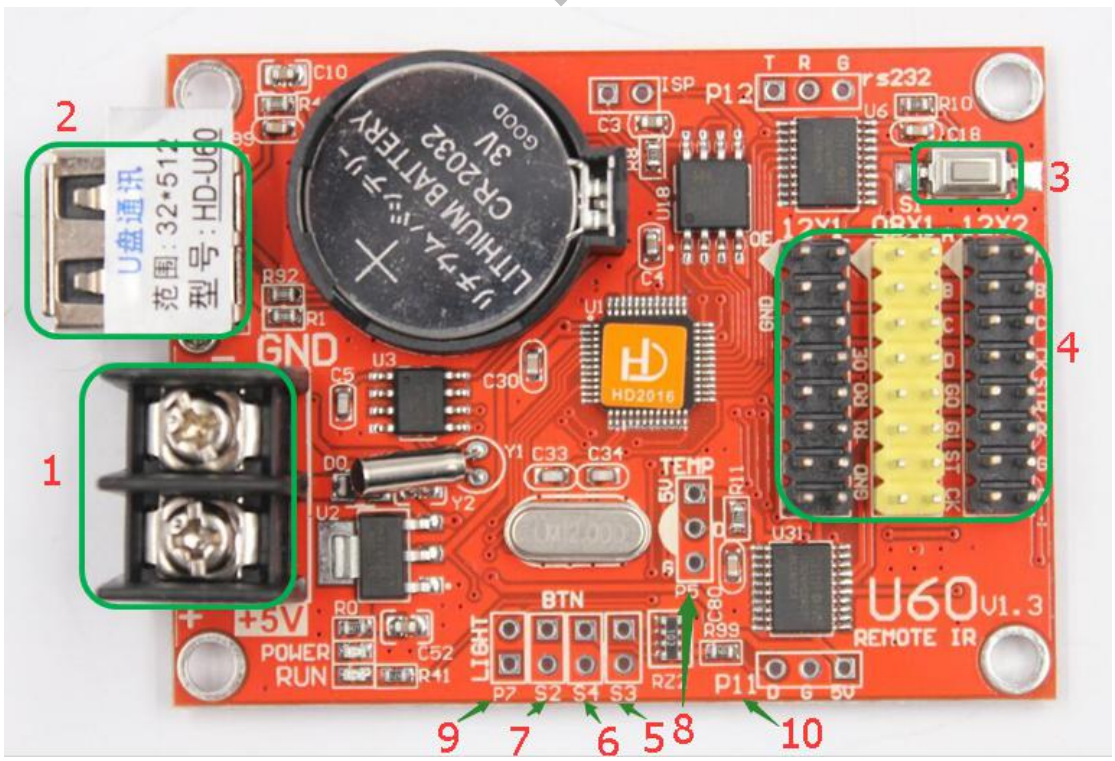


Setup Diagram



HD-U60

Photo



①：Power connector, connect 5V power supply；

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②：USB ports，Updated program by U-disk；

③：Test button, click to switch screen test status；

④：2HUB12，1HUB08，connect the display；

⑤：S3, connect the point switch, switch the previous program, timer reset, count down;

⑥：S4, connect the point switch, program control, time-out, count reset;

⑦：S2, connect the point switch, switch the next program, the timer starts, count plus;

⑧：P5, connect temperature / humidity sensor;

⑨：P7, connect the brightness sensor;

⑩：P11, connected to the infrared receiver, with the remote control.

Technical Parameters

	Minimum	Typical value	Maximum
Rated voltage (V)	4.2	5.0	5.5
Storage temperature(℃)	-40	25	105
Work environment temperature (℃)	-40	25	80
Work environment humidity (%)	0.0	30	95

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Precautions

1）To ensure that the control card is stored during normal operation, make sure the battery on the control card is not loose;

2）In order to ensure the long-term stable operation of the system, please try to use the

standard 5V power supply voltage.

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