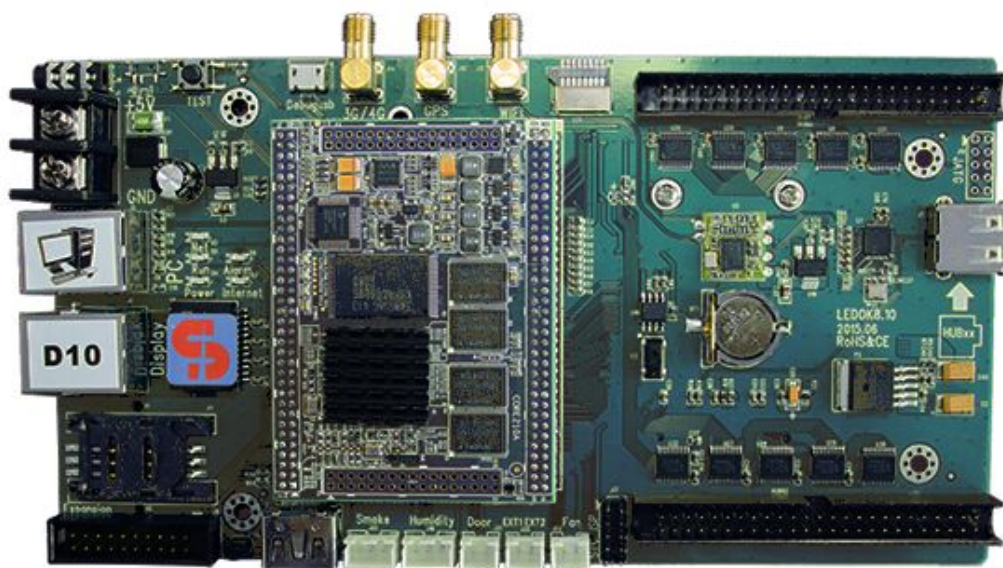




Led asynchronous controller Y10

1. Product picture



2. Case picture



3. Y10 has following traits

- ① Supporting non-linear editing;
- ② Video hardware decoding;
- ③ Supporting PCI-E 3G modem;
- ④ WIFI modem on board;
- ⑤ Supporting maximum 1280x512 pixels;
- ⑥ Supporting HDMI audio and video outputs;
- ⑦ Supporting secondary development based on Android system,
for example, customer could embedded own APP to realize some special
requests, no need to use AIPS platform;
- ⑧ Fast communicate rate, totally solve the 3G communication

bottle-neck, Packet Switched Domain (PS for short) bearer service under WCDMA mode: maximum rate is 384Kbit/s; HSDPA Max

14.4Mbps(DL)/Max 5.76Mbps(UL); UMTS Max 384Kbps;

⑨ Supporting continue transfer from breakpoint, adopting database warehouse management for onboard program so that could reduce dataflow extremely and optimize storage space;

⑩ Supporting to connect receiving cards, refresh rate will self adapt to screen resolution, adjust brightness to realize better display effect;

⑪ Possessing strong software----web-base multi-media publishing system (AIPS), so that could manage all terminals, edit and publish program;

4. Interfaces pin out

Y10 card has 8 groups of HUB75 interfaces, pin out as following:

1	3	5	7	9	11	13	15
RD1	BD1	RD2	BD2	A	C	CLK	OE
GD1	GND	GD2	GND	B	D	LAT	GND
2	4	6	8	10	12	14	16



5. Technical parameters

technical parameters of Y10	
max pixels	1280x512
3G/4G	Support
WIFI	support
HUB	Standard hub, has 8 hub75 interfaces
Onboard System	Android
LED screen's color	full color
FLASH onboard	512MB, expand to 32G by TF
grey level	65536
LED module scan types	Support random scan types within 32 scans
Communication ports	Ethernet/U-disk
audio	YES
GPS	Support display in specific location
camera	support
Weather forecast (Chinese)	support
Readback display content	support
Display in schedule	YES
Video formats	AVI, WMV, MPG, MOV, DAT, VOB. MP4, FLV
Animation formats	GIF, SWF
Image formats	Bmp, jpg, gif, wmf, ico
Text formats	Txt, rtf



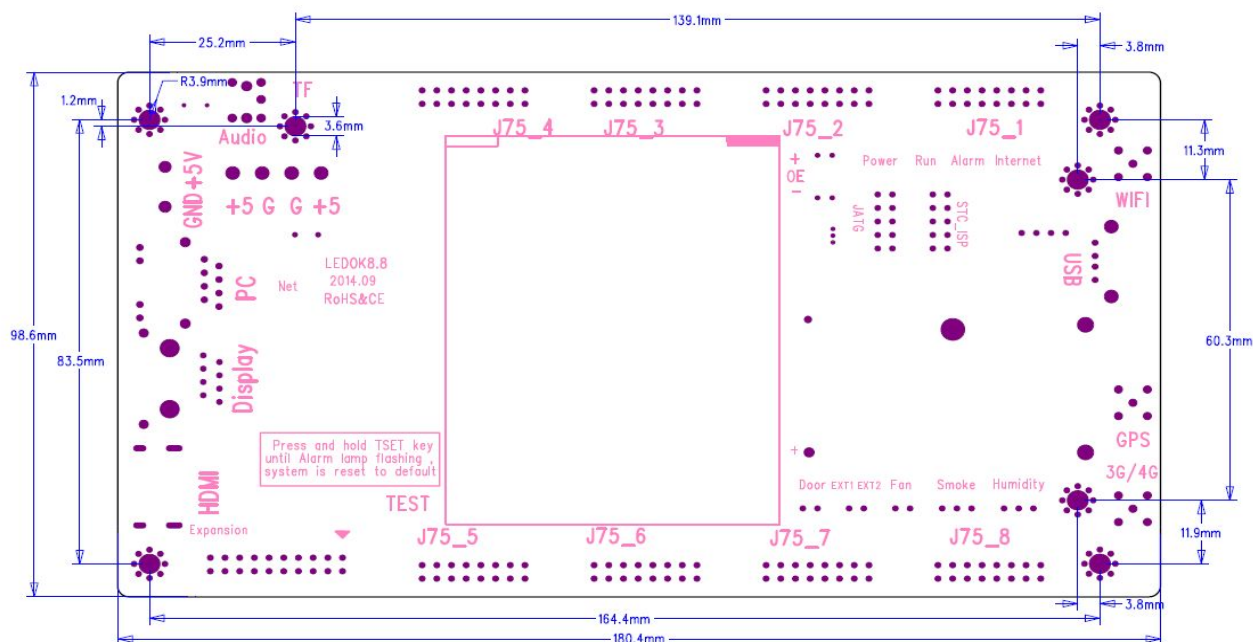
Text display mode	Single line, static and multi-line
Clock	Types of analog clocks and digital clock
Timing	Timing and countdown
Software	WEB (www.m2mled.net)---AIPS platform
Configuration software	Ledset2.0
Stock	in stock

6. Working condition

Common parameters	
Working voltage (V)	4.5~6
Maximum operating current (A)	1
Maximum power consumption (W)	5
Working temperature (°C)	-20~+60
Size (cm)	17.5 (length) × 9.6 (width) × 2.5 (height)
weight (g)	138



7. Dimension



8. Notifications:

- ① Strictly prohibit plugging and removing SIM card with power on.
- ② Strictly prohibit plugging and removing PCIE modem with power on.
- ③ Strictly prohibit plugging and removing HUB with power on
- ④ Strictly prohibit plugging and removing antenna with power on.
- ⑤ Try not to touch the IC and pins so that to avoid the electrostatic damage.



9. Brief introduction of web multi-media publishing system



It is a B/S architecture software, supports tablet, cell phone and desktop computer automatically with perfect UI (user interface) and excellent experience, realize cross various platforms; traits as following:

- ① supports group management, check online/offline status in real time;
- ② supports to publish real time notification;
- ③ supports to read back screenshot for picture showing on the sign, please see picture below:



Select all	Online	Id	Alias	Group	Command state	Net type	Width	Height	Brightness	Volume	Screen status	Current playing program
☒	✓	y10-914-00047	noname		success	WIFI	192	64	8	11	on	丽特
☒	✓	y10-b14-00082	noname		success	UMTS	112	96	8	11	on	sky
☒	✓	y10-914-00049	noname		success	UMTS	96	96	8	11	on	
☒	✓	y10-a14-00064	noname	Joey	success	ETH	1280	512	8	11	on	印尼
☒	✓	y10-814-00025	Joey		success	ETH	192	48	8	6	on	
☐	✗	L10-B14-00003	noname			WIFI	1920	1080	8	11	on	
☐	✗	y10-b14-00091	noname			UMTS	640	480	8	11	on	680480-12832
☐	✗	y10-a14-00078	noname			WIFI	96	96	8	11	on	
☐	✗	y10-b14-00099	noname			WIFI	640	480	8	11	on	
☐	✗	y10-914-00045	noname			UMTS	96	96	8	11	on	

Screenshot

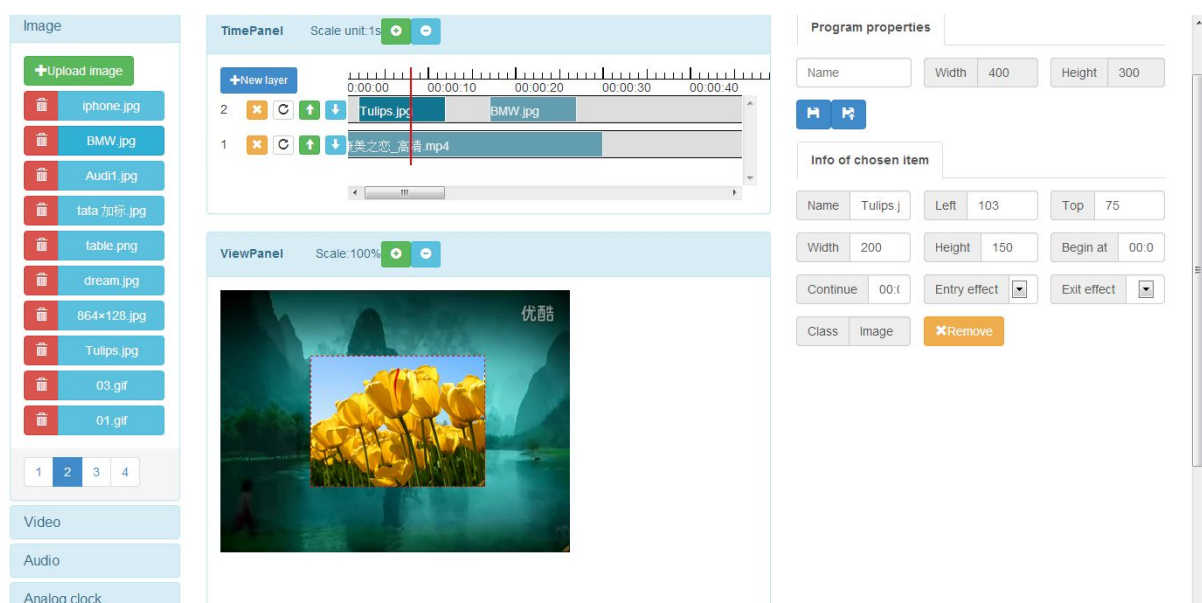
Screen shot button

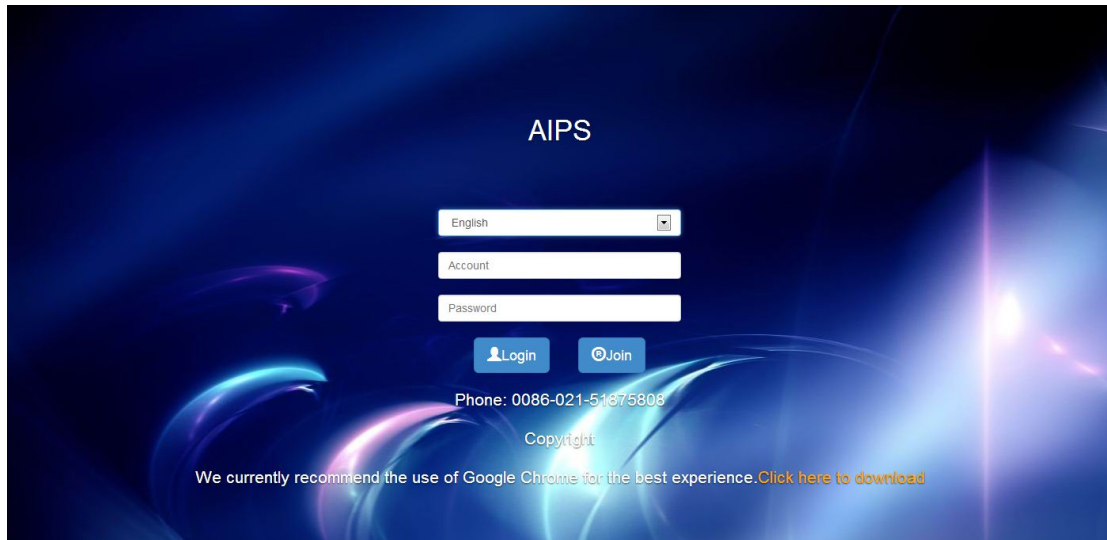
Thumbnail images showing LED sign displays:

- y10-814-00025: Three large 'S' characters.
- y10-914-00047: Four large 'S' characters.
- y10-a14-00064: A large black screen.
- y10-914-00049: A landscape image of a road.
- y10-b14-00082: A red sports car.

- ④ supports to read back programs;
- ⑤ supports to turn on/off led sign and adjust brightness remotely;
- ⑥ supports to upgrade firmware and set parameters remotely;
- ⑦ supports schedule operation including publish programs or operate led sign in schedule time;
- ⑧ supports to adjust time through sever;
- ⑨ excellent interoperate on web, no need to refresh to get the real time operant response and status
- ⑩ great concurrency by adopting the best background program and cloud database storage solution

- ⑪ adopting non linear editing way and getting rid of the constraint of traditional LED program editing, no window and program material limitation, to meet users operation habits especially for editing and publishing advertisements;
- ⑫ advertising contents statistics on time; charging and creating report forms automatically;
- ⑬ supports user management, rights management and classification system for examining and publishing programs;
- ⑭ supports log management including user log, terminal log and bug log;
- ⑮ Make all led panels synchronizing by network timing. Can set exactly schedule and set time for each material, to realize synchronizing multiple led panels' pictures through internet.



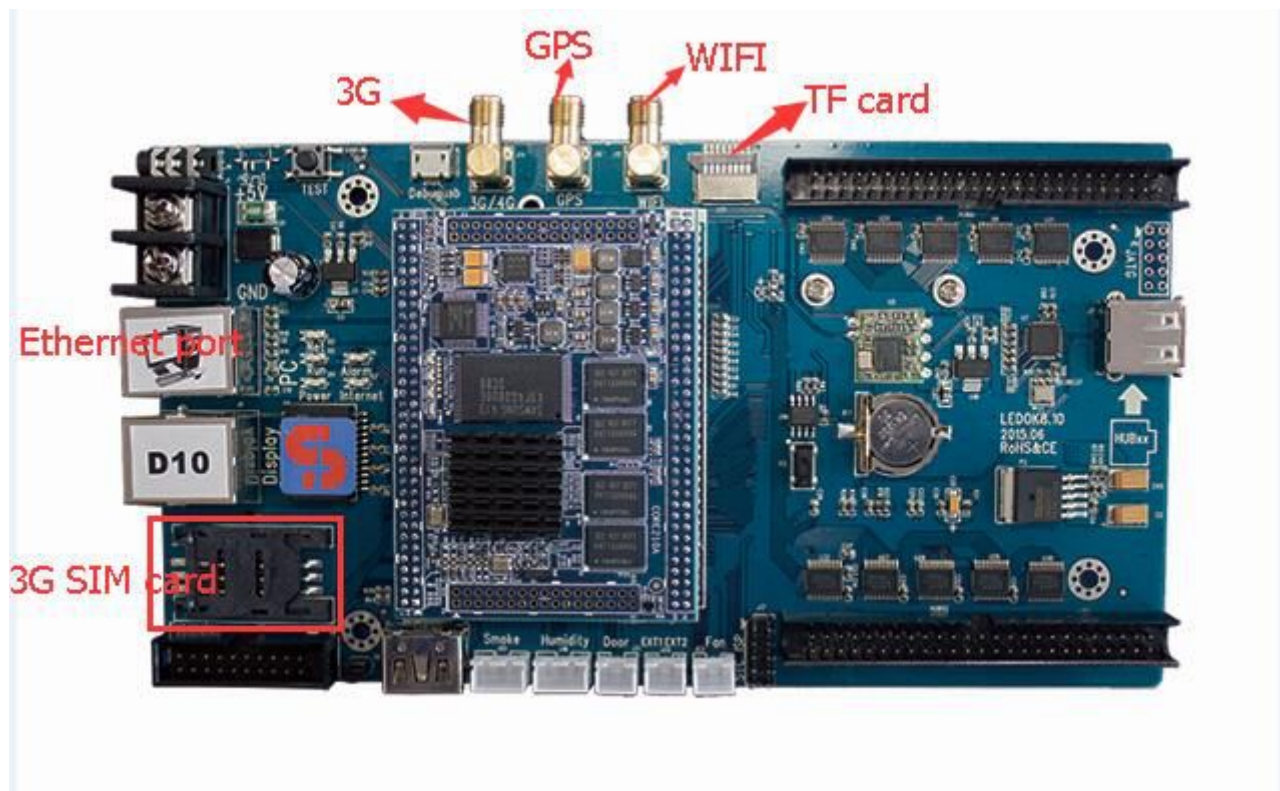


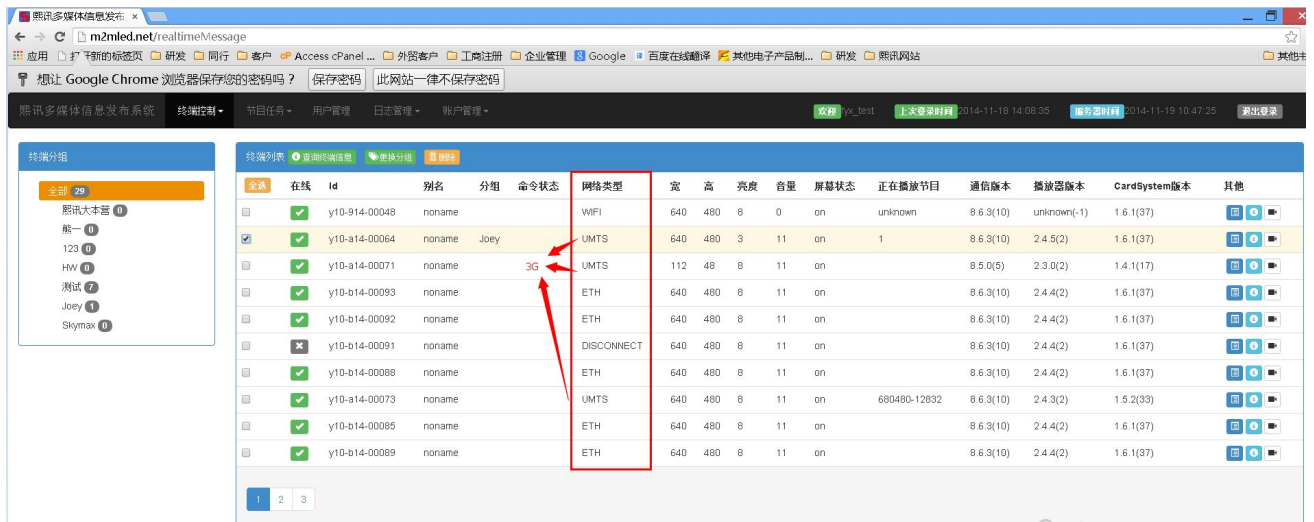
Mainly applied in following occasions:

Outdoor advertisement led display; on-vehicle led display; chain store led display; government and bank led displays;

Brief introduction of system principle:

① led controller accesses to Internet via Ethernet cable, wireless 3G/GPRS,WIFI;





② no need to install terminal software, users can control their terminals via web browser when has internet;

10. Build up Server

- ① If use shanghai xixun company's web station;
- ② We will provide company account; can assign subordinate users and administration authority after login company account
- ③ If want to build up own web station, please consult Shanghai xixun company.