



®

ZH LED Control System



ZH-XM

Product Specification





ZH-XM Specification

I. Function Introduction:

ZH-Xm belongs to full color series LED player, its functions are as follows:

1. Adopt the same refresh technology as synchronous control system;
2. Support cascading receiving card, support any size screen.
3. Adopt the sending card + receiving card structure, the screen adjustment method is compatible with full color, which is convenient and quick;
4. Support mobile APP (Android + iPhone) to send program;
5. Support remote management about Wi-Fi hot-spot (AP mode) and Internet (STA mode);
6. Provide SDK;
7. Support HD video hard decoding;
8. Supports audio output, 3.5mm standard audio output interface;
9. Support USB to play video and pictures directly;
10. Support regularly adjust brightness, and play program regularly;
11. Support UDP network communication protocol;
12. Support DHCP to obtain IP address automatically;
13. Support emergency information insertion;
14. Support weather forecast.
15. Support one-button testing full screen;
16. Supports multiple video Windows to play simultaneously;
17. Support manual switch, timing switch.

II. Basic Function Parameters

System Parameters:

CPU	8-cores A53, 1.5GHz
Operation System	Android 5.1
System Storage	8G (The system takes up about 2.5G)
Control Area	Loading Points: 650.000 points Maximum Width: 1920, Maximum Height: 1280



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Support Resolution (Width*Height)	720*1280, 800*1152, 960*960, 1024*900, 1152*800, 1280*7, 1366*674, 1400*640, 1536*600, 1600*576, 1800*512, 1920*480
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Communication Port:

1. Support WIFI hots-pots;
2. Support USB port;
3. Support 100M network;
4. Support server cluster.

LED Load Parameters:

Support Gigabit ports to cascade receiving card, the maximum pixels: 650.000;

III. Input/Output Port Arrangement and Definition

Hardware Introduction:

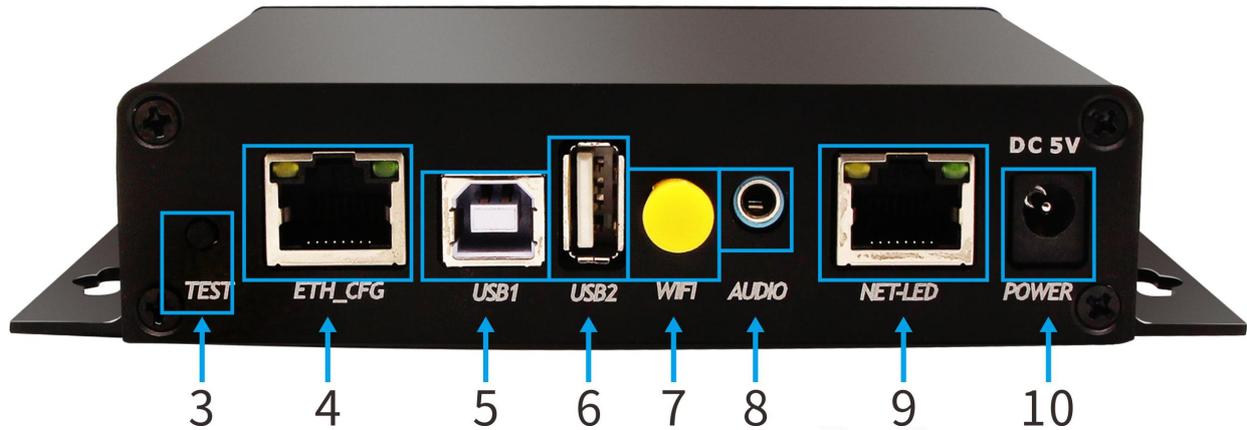
The Front Panel





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The Back Panel



NO.	Name	Function	Note
1	Indicator	Power indicator	Red light always on
2		Operation indicator	Green light flashing regularly
3	Test button	Check version, test screen	13 kinds of test mode
4	PC port	Link with computer, set parameter, send content	
5	USB port	Update hardware	
6	USB port	Read content, expand memory	
7	WiFi antenna port	Link with WiFi antenna	
8	Audio output port	Connect external active amplifier	
9	Gigabit Network port	Connect with receiving card	
10	DC 5V port	Power supply	

Working Condition:

Rated voltage (V)	5.0	Maximum	6	Minimum	4
Rated current (A)	1.5	Maximum	3.2	Minimum	0.8A
Rated power consumption (W)	7.5	Maximum	16	Minimum	4
Extreme temperature(°C)		Maximum	80	Minimum	-40
Working environment temperature (°C)		Maximum	80	Minimum	-40
Working environment humidity (%)		Maximum	95	Minimum	0

IV. Hardware Diagram:



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