Full Color Receiver T8 Specification

Receiving cards parameters：

Control area	512*512
Network Port Function	Network port no distinction of input and output
Synchronous among cards	Nanosecond synchronization among cards
Display effect	Common chip's refresh rate Static scan: refresh rate can be 16000Hz maximum 1/8 scan: refresh rate can be 10000Hz maximum Serial frequency: 0.2MHz-41.7MHz
Grey level	256-65536 levels grey adjustable
Grey level compensation	Compensation according to refresh and scan type
OE control	Accuracy 8 nanosecond OE control, making low grey control more accurate
Chip support	Common chip, PWM chip, light decoration chip and all kinds of mainstream LED drive chips

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Scan type	Common scan type and high refresh photo mode
Scan type	Any scan type from static to 1/128 scan
Data group number	24 groups full color data
Multiple open outputs	support 2-4 multiple open outputs
Data exchange	Support 24 groups data arbitrary exchange
Module pumping points	Support any module pumping point
Gigabit communication	Support sending card and Gigabit Ethernet
PCB size	Length:124mm Width:70mm
Input voltage	DC 3.5V~6V
Rated current	0.8A
Rated power consumption	4W
Working temperature	-20℃ to 75℃
HUB Port	8 pieces HUB75 ports
Compatible Sending Card	ZH all series sending box and video processor
Software	LED Player V5

Receiving Card Features:

1. Have hub75 port, no need of switching board, more convenient;
2. Reduce connecting parts, reduce failure points;
3. Support common chips achieving high refresh, high grey, high brightness;
4. Fully new grey engine, low grey better performance;
5. Perfect details handling, can get rid of certain row darker, low grey redder, ghost shadow and so on details problems;
6. Support all common chips, PWM chips and light decoration chips;
7. Support static screen, and any scan type from 1/2 scan to 1/128 scan;
8. Support any pumping point, support data migration, easy to achieve the control loading of all kinds of shaped screens, spherical screens, creative screens;
9. Single card support 24 groups RGB signal output;
10. Support super big area loading;
11. Advanced design, quality components, automatically high and low temperature aging test, zero failure leaving from factory;
12. Support DC 3.3V-6V super wide working voltage, effectively reduce the influence of voltage wave;
13. Support power supply reverse connection protecting circuit.