SPECIFICATION FOR Q1-Plus (75E)

Version	Date	Reason
V1.0	21/03/2017	Document

The leading supplier of LED control system and solutions.

Hardware
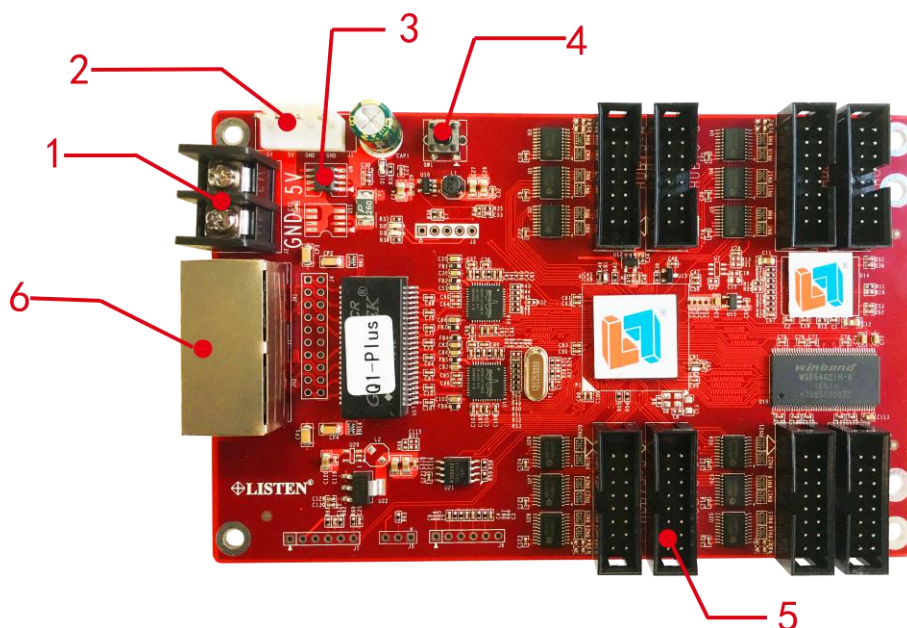
1	5V power port
2	5Vpower plug
3	5V power source reversal connection defense
4	Test key
5	HUB75E output port
6	1000M network interface

Product Parameters

| Product Model	full color/Syn-async control card
Control Range	640*128(4scan/ card) 128*512(32 scan/ card) 1024*256(single&dual color synchronous/ card)
On-board Interface	8*HUB75E
Grey Level	2~65536
Refresh Rate	Max 4KHz~16KHz
Serial Frequency	1MHz~31.25MHz
Data Group	16 group full-color signal
Concatenation	255pcs
Memory	4GB/8GB
Temperature	-40℃ - 85℃
Features	● Support all modules of single&dual and full color, one key to choose various settings； ● Support syn-async dual mode, one key to switch； ● Support any cascade； ● High capacity storage including 4GB/8GB； ● Built-in colorful background and words; ● Support 1/32scan, compatible with mainstream high refresh chip； ● Sending speed 2.5 times faster, word left shift effect promote 5 times；

Dimensional Drawing
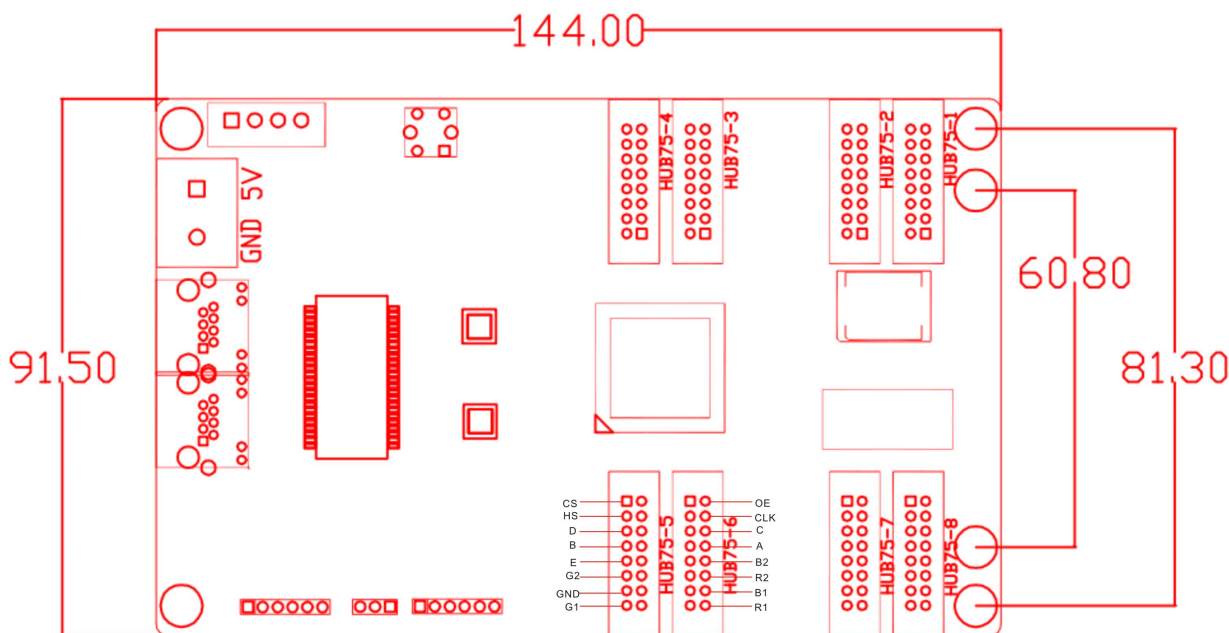
Connection instruction

LS-Q1-PLUS-(75E) can cascade many cards and be controlled with/without computers

Cascade Diagram

computer
with 1000M network interface