

Full Color Cluster Module

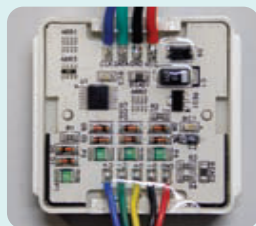
VISUAL DESIGN SOLUTION LED CLUSTER

DS-DFL4040 CLUSTER – FULL COLOR CLUSTER 4 bulb module



LED module of 3 in 1 chip type is used, combining Red, Green, Blue 3 trichromatic colors. It presents clearer and more natural color than combined LED Module. It has outstanding performances such as high-speed presentation, presentation of more than 1 billion colors, soft color matching technology. Complex control part is integrated with cutting-edge technology. Its performance compared to price is excellent owing to simplification of manufacturing procedure. Additionally, it is developed in various types for diverse application in many areas.

MODEL NAME	DS-DFL4040 CLUSTER
Dimension(mm)	42 × 42 × 7.5mm
LED	4
Color	One Billion Color
Control Driver	30Bit Constant Current LED Driver with PWM Control
Brightness	5,900mCd
Waterproof	Epoxy Molding
Life Time	50,000Hour
Supply Voltage	DC9~12V
Operating Current	120mA
Power Consumption	1.08W~1.44W



Receiver-RS-485

Receiver- RS-485 is a device that receives controlling signals. The farther a distance between control device and cluster(UTP Cable) is, the lower becomes the electric signal which control device transmits, and noise occurs. Its main role is to receive and magnify signals 400m away.

MODEL NAME	DSL-250c
Dimension(mm)	42 × 42 × 7.5
Signalling Type	TIA / EIA-485 (RS-485)
Signalling Rate	Max. 30Mbps

CLUSTER CONTROL UNI

The control device can control thousands of clusters even with one unit, and can be linked with CCU through frame sync functions, and even vast size of cluster board can be unitarily configured. There is no limit of implementation by using high speed CPU and large capacity memory, and it provides Direct LAN and Internetaccess for the convenience of maintenance.



MODEL NAME	DSP-200C	DSP-500C	DSP-1000C	DSP-2000C
Dimension(mm) (W×H×L)	50×45	160×150×30	160×150×30	160×150×30
Processor	RISC 8bit	RISC 8bit	RISC 8bit	RISC 32bit
Memory	8MB Flash	16MB Flash	32MB Flash	64MB Flash
Interface	RS-232Ethernet	RS-232(GUI)Ethernet	RS-232(GUI) Ethernet	RS-232(GUI)Cascade Mode
Cluster Control	RS-485 / 1Port / 200Cluster(Max.)	RS-485 / 2Port / 500Cluster(Max.)	RS-485 / 4Port / 1,000Cluster(Max.)	RS-485 / 8Port / 2,000Cluster(Max.)
Power Supply	DC9~12V	DC9~12V	DC9~12V	DC9~12V

