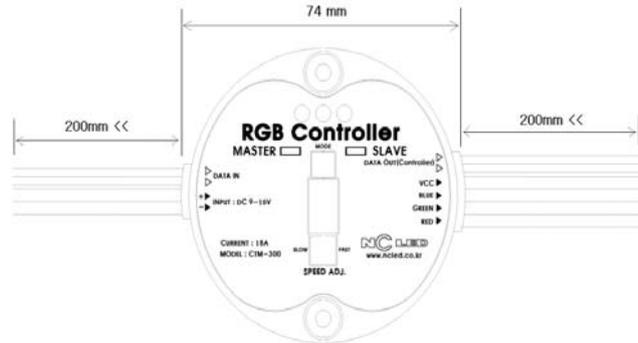


◆ **Product Image**



◆ **Dimension**



◆ **Features**

- RGB dimming controller
- 8 possible dimming mode control
- Alternative to MASTER / SLAVE
- Dimming speed control function
- Compact size, Easy installation
- Visible status through LED lamp
- Various display up to 24CH with RS485 communication
- Stop function in the desired color during displaying

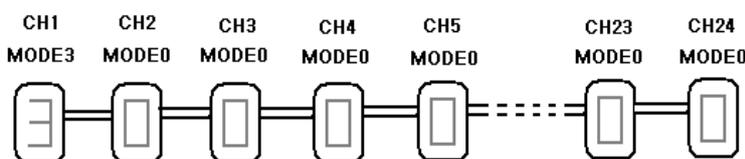
◆ **SPECIFICATION**

Title	Spec	Unit
OUT PUT	9~15	DCV
Dissipation Current	90	mA
Dimension	70 $\phi$ * 13	mm
Weight	70	g
Operating temperature	-20~+60	°C
Waterproofing	IP67	
Protocol	our own Protocol	
Memory	8	Kbyte
Channel	1	CH
Permitted Current Limit	18	A
RGB3 (0.72W)	300	EA
Max.Conectable Unit		

◆ **Detailed description**

- Permitted Current Limit 18A is a combined capacity of each 6A from PORT R,G,B (Permitted to use 6A per PORT)
- When you connect 24units of CTM-300 RGB controller, possible to control 7,200pcs of modules with 0.72W(12V) power dissipation (operation power)
- Interval length between controller and another controller required less than 50 meter
- Each port of RGB is a - Power(GND) controlled (COM= +V, RGB= -V)
- When you press MODE Switch, selected number is displayed on FND
- Select MODE1 to MODE9 for MASTER, Select MODE 0 for SLAVE
- SLAVE follows the displaying mode of MASTER's

Example)



(CH1 is set for MASTER and CH2 to CH24 displays MODE3)



**◆ Directions for Installation**

1. Please check polarity (+ or -) of DC 12V on input terminal connecting controller with SMPS.  
Reversal polar causes damage on controller and can lead to malfunction, it can affect to LED modules too.
2. Please check R(red), G(green), B(Blue), Com (White) on output terminal connecting controller and LED modules.  
Incorrect connection causes undesired display and damage o LED mdoules.
3. Under normal condition for controller performance -20°C ~ +60°C, 10%~90%RH, no condensation) warrants best life span.
4. When you change or repair the device, required power off to prevent short or electric shock.
5. If controller is abnormally functioning, check line connection of controller with power off.
7. Incorrect connection of white causes no light on the module.
8. Never connect 50 modules in series, which causes poor lightness due to voltage drop.

**◆ System Composition**

