

Digital SPI RGB LED Strip Light, 24V DC, 60 LEDs/m, 14.4W/m, IP20, SM16703

OVERVIEW

The M-50N-60-DGT-24V is a digital SPI RGB LED strip light designed for indoor architectural, accent, and dynamic display applications. Operating at DC 24V, it uses the SM16703 IC with 10 pixels per meter and 6 LEDs per pixel, delivering individually addressable full-color control across 60 LEDs per meter. Compatible with SPI controllers such as the T1000S and K1000C, it supports a wide range of programmable lighting effects.

The strip draws 14.4W per meter and carries an IP20 rating, making it suitable for dry indoor environments. The 2oz PCB construction supports reliable current handling, and the 300 LSE 3M adhesive backing simplifies surface mounting. Signal is passed via Data In/Data Out connections, allowing daisy-chaining across longer runs.

No third-party certifications are confirmed in the available source documentation. The manufacturer provides a 3-year warranty on this product.

SPECIFICATIONS

Power	14.4 W/m	CRI	80
IP rating	IP20	Warranty	3 years
Input voltage	24 V		

INSTALLATION

1. controllers:
Digital RGB led strip lights should work with suitable controllers, such as T1000s, K1000C, according to the different functions of the controller, can achieve a variety of different effects.

2. How to Connect
(1) Wiring diagram:
+ = anode
- = GND = com = cathode = data,
If there is Din/Di, means Data input, Dout/DO means Data output

(2) 3 PIN, responsible for signal transmission
Red : anode,
Green : the Data cable
White : the GND

2pin power cable:
Red: anode,
Black: cathode