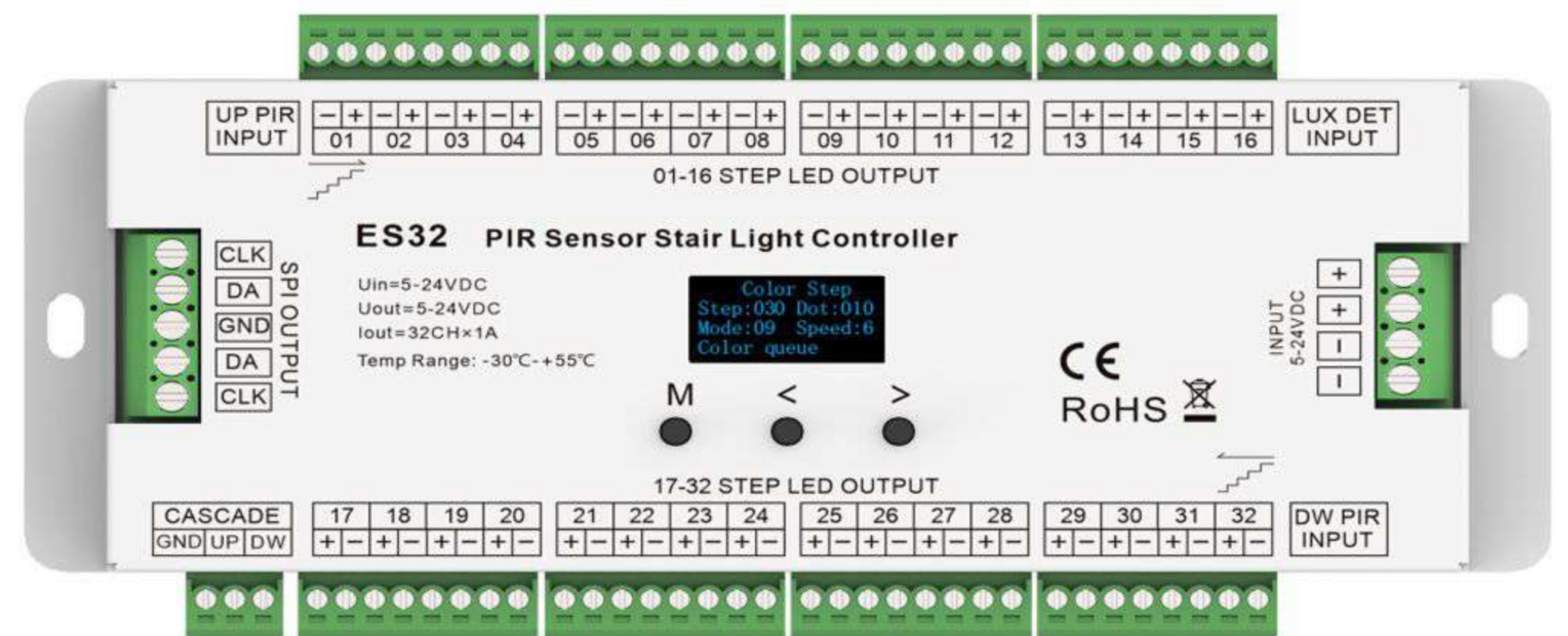


ES32

PIR Sensor Stair Light Controller

- Multifunctional PIR sensor stair light controller features daylight sensor.
- 32 channels constant voltage output drive low voltage LED strip, Max. 1A current per channel.
- 2 groups same SPI(TTL) signal output, drive 28 kinds IC digital RGB LED strip, IC type and R/G/B order can be set.
- Compatible ICs: TM1804, TM1809, TM1812, UCS1903, UCS1909, UCS1912, UCS2903, UCS2909, UCS2912, WS2811, WS2812, TM1829, TM1914A, GW6205, GS8206, GS8208, LPD6803, LPD1101, D705, UCS6909, UCS6912, LPD8803, LPD8806, WS2801, WS2803, P9813, SK9822, SM16703P.
- Easy operation with OLED display and 3 buttons.
- four work light modes selectable.
- Two stair light controllers can cascade.
- Built-in multiple color mode, speed and brightness 1-8 grade adjustable.
- Push switch can be used as induction signal input.
- With fast self-testing function / Over-heat / Short circuit protection.
- Any damaged LED channel in 32 channels can be set disable.
- Can match with IR reflection induction probe (Standard) or when need accurate sensing area, can match with IR reflection induction set ES-T.

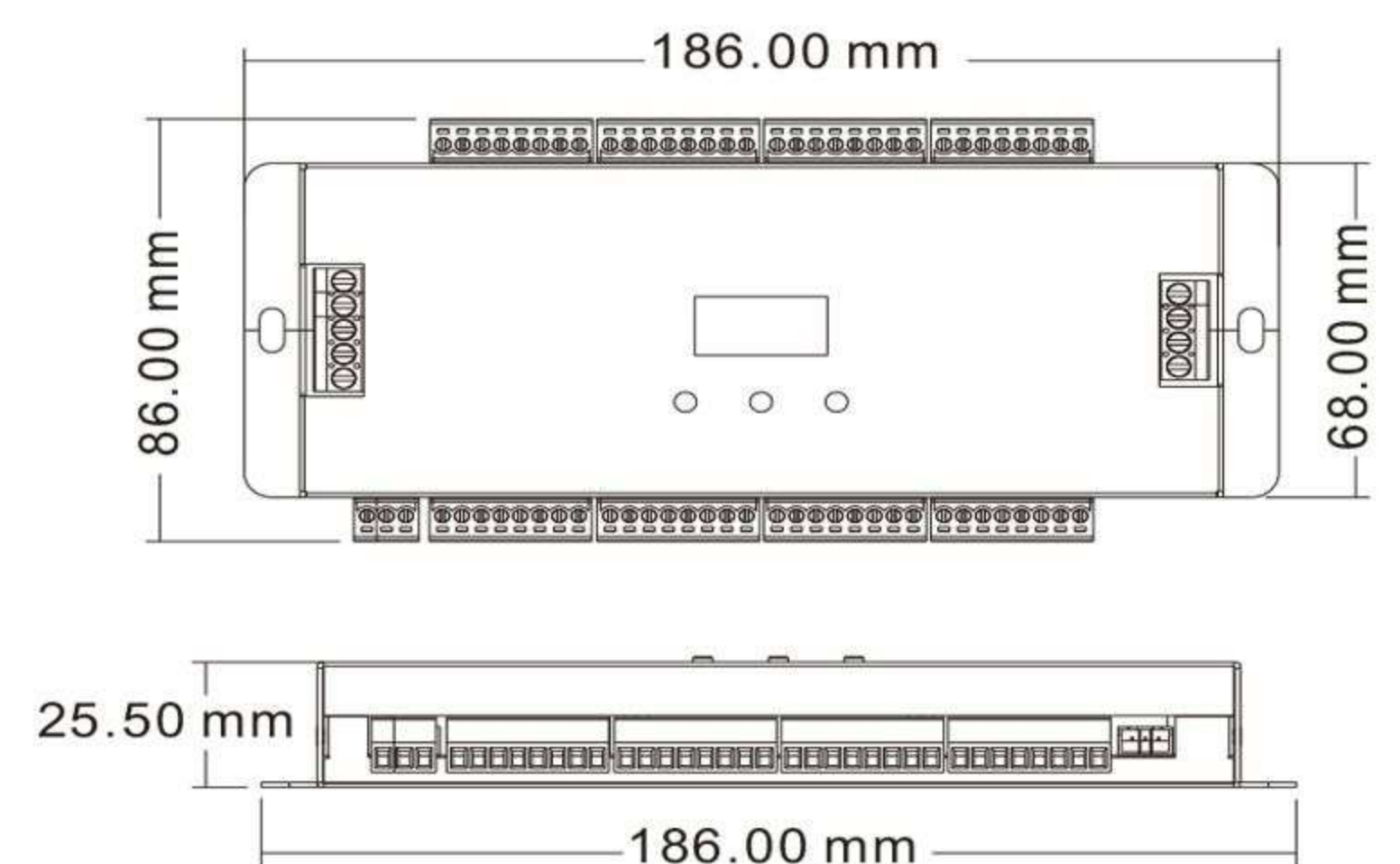
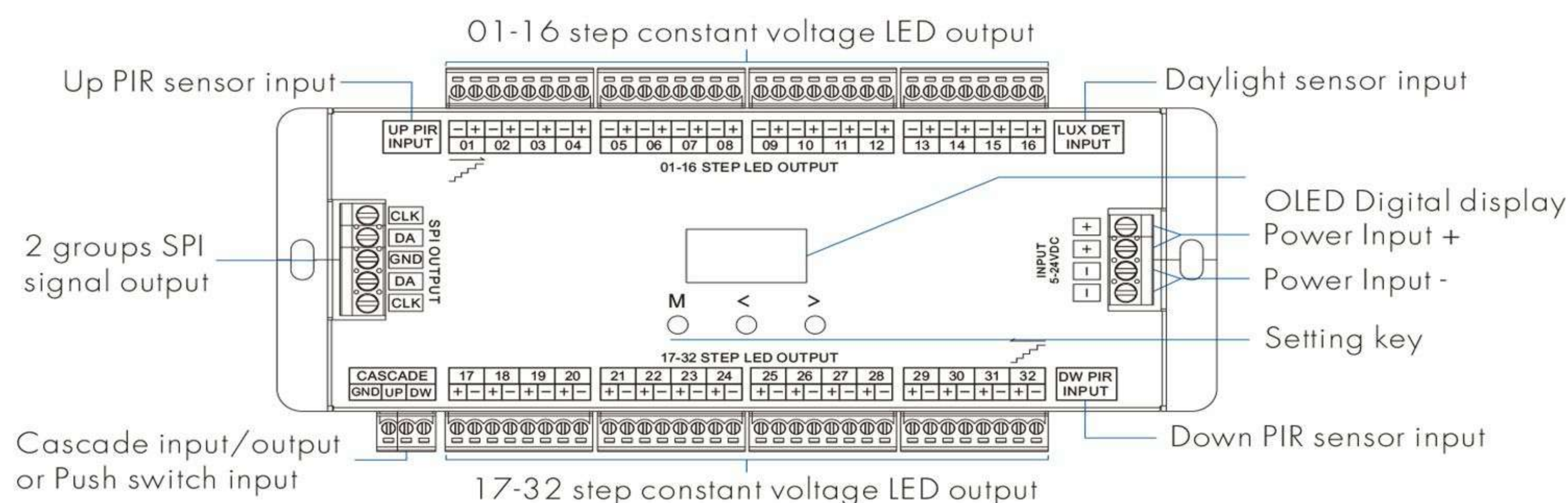


CE RoHS emc

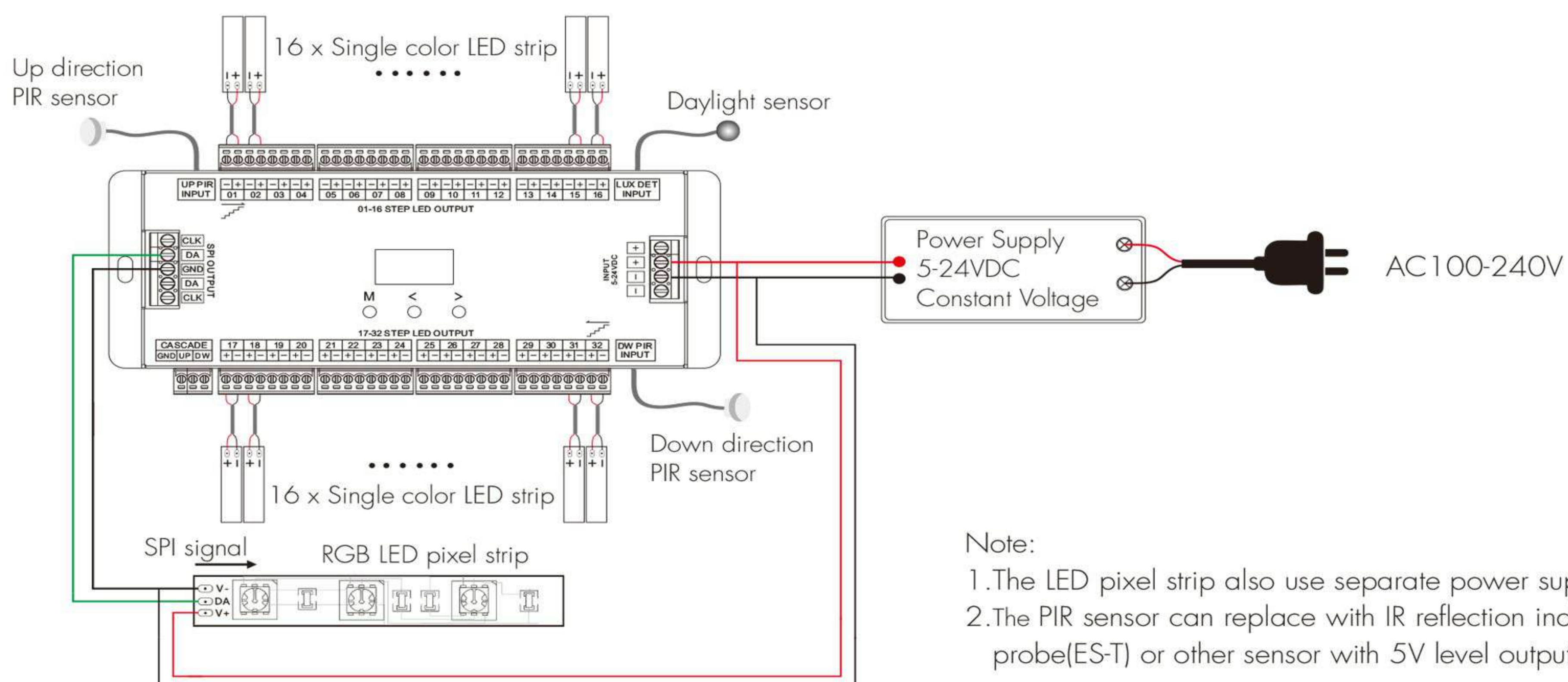
Technical Parameters

Input and Output		Sensor data		Safety and EMC	
Input voltage	5-24VDC	Sensitive field	≤3m	EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3
Output voltage	32 x (5-24)VDC	Sensitivity angle	30°(± 10°)		ETSI EN 301 489-17 V3.2.4
Output current	32CH, 1A/CH	Environment		Safety standard(LVD)	EN 62368-1:2020+A11:2020
Output power	32 x (5-24)W	Operation temperature	Ta: -30°C ~ +55°C	Certification	CE, EMC, LVD
Output type	Constant voltage + SPI(TTL)	Case temperature (Max.)	Tc: +85°C	Package	
Warranty		IP rating	IP20	Size	L213 x W130 x H45mm
Warranty	5 years			Gross weight	0.65kg

Mechanical Structures and Installations



Wiring Diagram



- Note:
1. The LED pixel strip also use separate power supply.
 2. The PIR sensor can replace with IR reflection induction probe(ES-T) or other sensor with 5V level output.