Digital Controller


Products Features

► Control the Light remote by integrating with software.

► Each channel can be controlled individually, controlled by hands, another is controlled by RS232 or Ethernet.

► Provide RS232 or Ethernet communication and 0-999 intensity level; With over current and short protection.

► The trigger function is from outsourcing singnal to turn on or off the light; It can be switched to constant on or off.

► Adopt opto isolatar for outsourcing trigger to provide stable and accuracy signal.

Model Description

SBS-DC-XX-XX-X
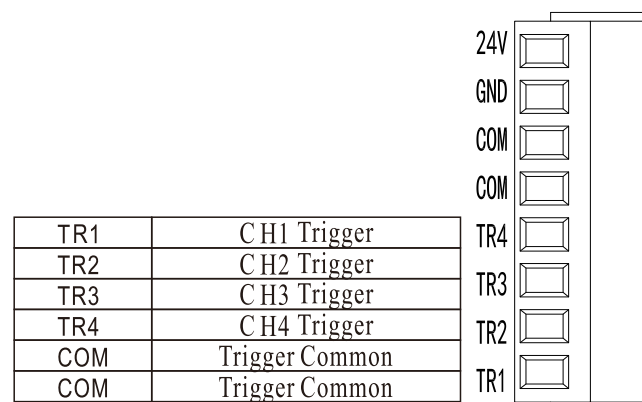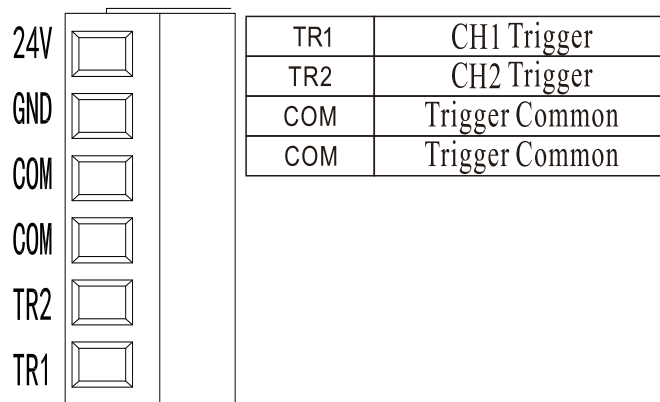
→ CHs
→ Power
→ Voltage
→ DC: Digital Controller
→ SBS Vision
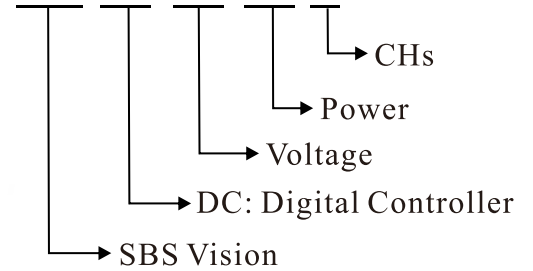
Parameter

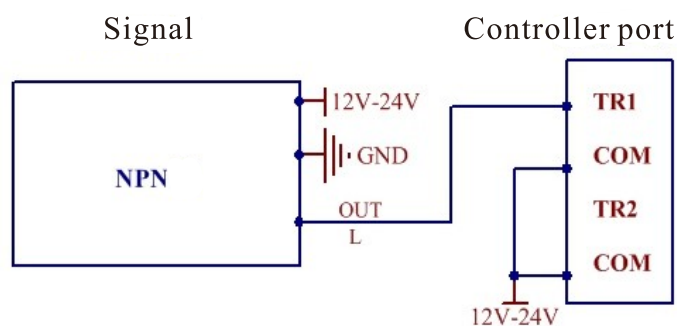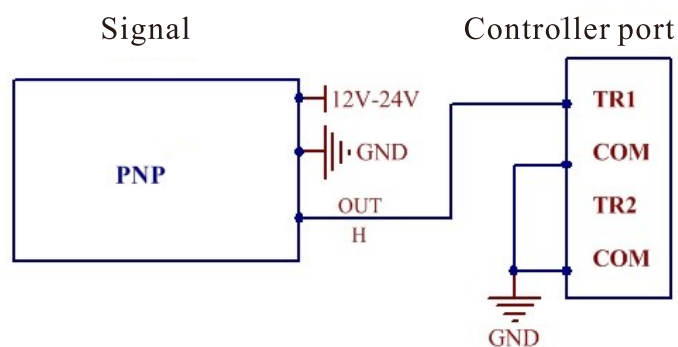| Model \ Item	SBS-DC24-36-2	SBS-DC24-64-4	SBS-DC24-124-4
Output way	constant voltage		
Intensity adjust	PWM control		
Input voltage	AC100-240V 50/60HZ		
Channels	2	4	4
Output current	1.5A (Single CH max 1A)	2.5A (Single CH max 1.5A)	5A (Single CH max 1.5A)
Output power	36W	64W	124W
Output connector	SM 03V-BC (pin 1 is +, pin 3 is −)		
Trigger voltage input	12V-24V (current is 5.6mA)		
Trigger delay	Less than 50us		
Usage environment	temperature: 0–40℃ humidity: 20-85% RH (not frozen)		
Storage environment	temperature: -20–60℃ humidity: 20-85% RH (not frozen)		
Cooling way	Nature cooling	Nature cooling	Fan system cooling

Digital Controller

Trigger Connectors

SBS-DC24-36-2

24V
GND
COM
COM
TR2
TR1

TR1	CH1 Trigger
TR2	CH2 Trigger
COM	Trigger Common
COM	Trigger Common

SBS-DC24-64-4/SBS-DC24-124-4

TR1	C H1 Trigger
TR2	C H2 Trigger
TR3	C H3 Trigger
TR4	C H4 Trigger
COM	Trigger Common
COM	Trigger Common

24V
GND
COM
COM
TR4
TR3
TR2
TR1

Trigger Wiring

Signal	Controller port	Signal	Controller port

PNP — 12V-24V, GND, OUT H → TR1, COM, TR2, COM (GND)

NPN — 12V-24V, GND, OUT L → TR1, COM, TR2, COM (12V-24V)

Dimensions(mm)

SBS-DC24-36-2

① Power indicator, ② Lock indictor, ③ Wrong indicator, ④ M key, ⑤, ⑥ CH1 CH2, ⑦ RS232, ⑧ 100-240V~50/60Hz, ⑨ 8.8.8.8, ⑩, ⑪, ⑫, ⑬ GND, LAN

164   81.5   115.3   78

35mm DIN installation

①	Power indicator (the LED is green when it is input power)
②	Lock indictor (the LED is blue, when the set is locked)
③	Wrong indicator (the LED is red when something is wrong)
④	M key select the channels (it is used to select the channels or continuous on and continuous off)
⑤	Output connector (from channel 1 to channel 2, pin one is plus, pin 3 is minus)
⑦	Serial port (connect with PC, the related pin is pin2, pin3 and pin5)
⑧	AC power input (input 100-240VAC)
⑨	Chanel and intensity display (the first number shows the channel number and on or off status, the second to fourth show the 000-999 levels intensity)
⑩	Intensity adjust key: + is increase the intensity; – is decrease the intensity
⑪	Outsourcing trigger connector (COM is the trigger connector, it can be input plus or minus,TR1 to TR2 is related with CH1 to CH2)
⑫	Power bottom
⑬	FG connector is for ground

SBS
vision solution Digital Controller

SBS-DC24-64-4/SBS-DC24-124-4
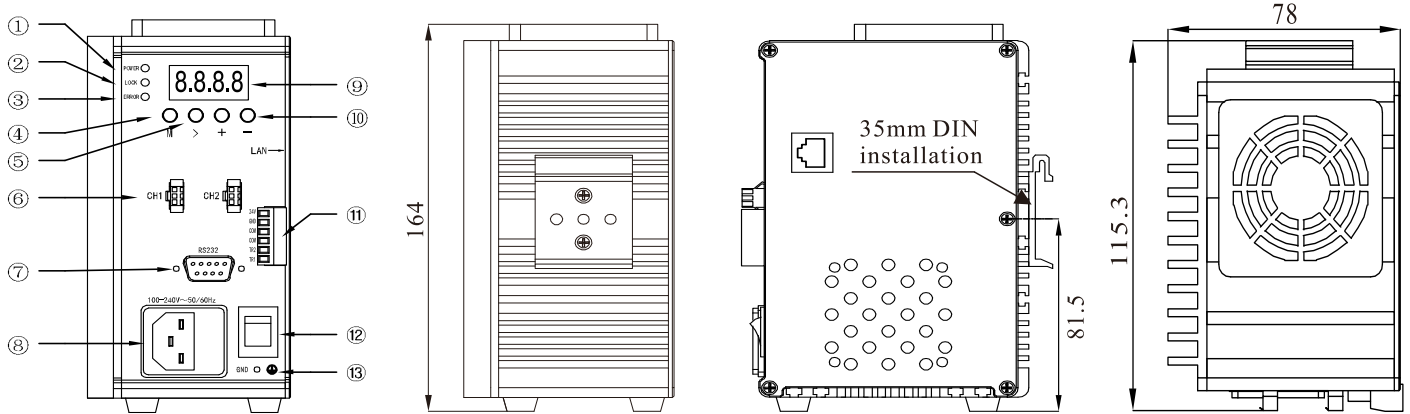

①	Power indicator (the LED is green when it is input power)
②	Lock indictor (the LED is blue, when the set is locked)
③	Wrong indicator (the LED is red when something is wrong)
④	M key select the channels (it is used to select the channels or continuous on and continuous off)
⑤	Output connector (from channel 1 to channel 4, pin one is plus, pin 3 is minus)
⑦	Serial port (connect with PC, the related pin is pin2, pin3 and pin5)
⑧	AC power input (input 100-240VAC)
⑨	Chanel and intensity display (the first number shows the channel number and on or off status, the second to fourth show the 000-999 levels intensity)
⑩	Intensity adjust key: + is increase the intensity; – is decrease the intensity
⑪	Outsourcing trigger connector (COM is the trigger connector, it can be input plus or minus,TR1 to TR4 is related with CH1 to CH4)
⑫	Power bottom
⑬	FG connector is for ground