

112021-DR SMARTreceiver 8CH PWM



112001-NI-001

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Product features

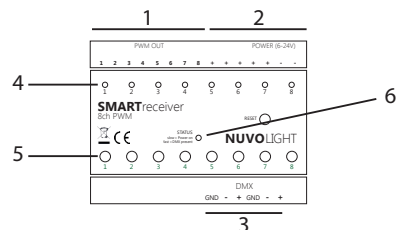
- DMX controlled PWM control actuator
- 8x PWM outputs with 16-bit dimming each
- DMX input and DMX through
- Settings and control via web interface
- Can be used in industrial surroundings

Package contents

- 1x SMARTreceiver 8CH PWM
- 1x 6-pin screw plug-in terminal DMX
- 1x information information

Device information

1. PWM (V-) outputs
2. PWM (V+) and power supply (V+ / GND) outputs
3. DMX input / DMX through
4. Status LEDs per PWM output
5. Toggle button per PWM output
6. Status LED



Safety Instructions

Electrical devices may only be installed and assembled by qualified electricians. Improper installation can result in serious injuries, fire or property damage. Read and follow the instructions completely. Electric shock hazard.

Disconnect the device and load before starting work. Take into account all circuit breakers that supply dangerous voltages to the device or load. When installing and laying cables, comply with the regulations and standards applicable to SELV circuits. These instructions are part of the product and must remain with the end customer.

Function

System information

This device serves as a control actuator for LED lamps. Detailed knowledge of DMX and LEDs is required for understanding. The function of the device depends on the software. Technical descriptions and information on the software version can be found on our website www.nuvolight.de

Mount device

**DANGER**

Touching live parts can result in serious property damage or personal injury, e.g. fire or electric shock.

Isolate before working on the device and cover live parts in the area. Failure to do so will result in personal liability for damage to property and personal injury!

1. Disconnect the mains voltage
2. Connect the bus system
3. Connect output lines
4. Connect the power supply

Warning: Only operate the device at 6 ... 24V DC voltage, otherwise the device may be damaged! Connected LED lamps must be designed for the voltage applied, otherwise the LED lamps may be damaged!

Installation

Check the following before commissioning:

- Power supply from 6 ... 24V DC voltage
- Check the polarity of the connections
- Check for electrically and mechanically perfect terminal contacts

Configuration of the device via web interface

1. Activate the power supply
2. Log in to the device's WLAN access point
Network name: SMART_ <serial number>
Password: nuvolight123
Address: <http://192.168.4.1>
3. Make the settings for your application in a web browser. You can find a detailed list of the setting options in the data sheet on our website.
www.nuvolight.de/de/downloads



Technical specifications

Supply voltage:

Input voltage:	DC 6 ... 24V
Connection type:	Screw terminal
Cable:	max. 2,50mm ²

PWM-Outputs:

Count	8
Output voltage:	DC 6 ... 24V
Connection type:	Screw terminal
Cable:	max. 2,50mm ²

Maximum current ratings:

Per clamping contact:	max. 15A
Total:	max. 30A

DMX input:

Input voltage:	DC 0V ... 5V
Connection type:	Plug-in screw terminal
Cable:	2,5mm ² core

Operating temperature:

Humidity:	0% ... 85% not condensing
Protection:	IP 20
Dimensions:	WxHxL: 87x107x77mm incl. plugs, plus cables

Weight & color:

152g, white

Behavior in the event of failure

Behavior in the event of failure or loss of the mains voltage

The device turns off, the outputs are switched off. Connected LEDs go out.

Behavior in the event of loss or loss of the DMX signal

The device outputs remain unchanged (standard setting) or go to a programmed initial state (configurable via web interface).

Behavior at the start and failure of the DMX signal

The device restarts, the outputs go into the initial state (all outputs at 50%, factory setting). The initial state can be edited by the user via the web interface.

Replacing the device

**DANGER**

When changing the device, touching live parts may result in a short circuit or danger to life and limb from an electric shock.

Disconnect all connected conductors before changing. Failure to do so can result in property damage and personal injury!

Warranty

The warranty takes place within the framework of the legal provisions via Nuvolight GmbH & Co. KG. If devices malfunction, please contact info@nuvolight.de or the support hotline.