The AD-UDR1 Dynamic LED driver is a DMX512 based LED driver. Depending on cable length and power supply used, the AD-UDR1 is capable of controlling up to 170 pixels per interface.

At this moment the user cannot change the DMX address. The DMX address is now factory fixed at DMX start address 001. Please contact TDE if different start addresses are needed.

Features

Control
DMX-512 / E:PIX

Dynamic control
170 RGB pixels

Small design
36mm width

Mounting
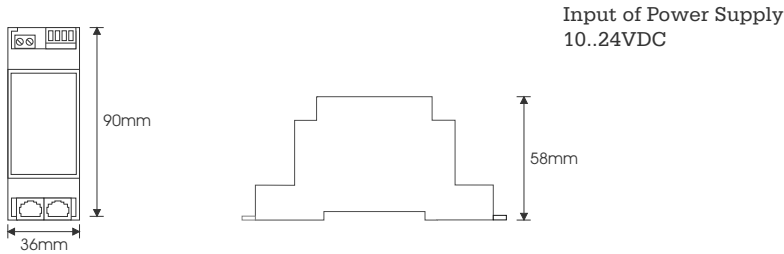DIN-rail

Technical specifications

Power	Input voltage:	12~24VDC
	Output voltage:	12~24VDC
	Maximum pixels:	170 x RGB pixels (depending on power supply and cable length

| Control | Control in: | DMX-512 / E:PIX |

Miscellaneous	Housing:	DIN-rail (1 module width)
	Connector:	2 x Rj45
		2 pin screw terminal power-in
		4 pin screw terminal
	Mounting:	DIN-rail

*Dependent on input power

Dimensions

90mm

36mm

Input of Power Supply
10..24VDC

58mm

Order Code

ADUDR1EPIX   - AD-UDR1 Dynamic LED driver; DMX-512 / E:PIX
230.90.07   - Connecting cable 2 mtr AD-UDR1 -> RGB4506 LED pixel

Connections

DMX INPUT

DMX OUTPUT

GROUND

POWER SUPPLY
INPUT 12 ~ 24VDC

+

RGB4016
Connector
Assembly

LEFT 24V

TDE   0V

DMX INPUT

DMX OUTPUT

GROUND

POWER SUPPLY
INPUT 12 ~ 24VDC

+

RGB4016 or
RGB4506
Flatcable connector

1	SUPPLY
2	SUPPLY
3	SUPPLY
4	SUPPLY
5	1
6	GND
7	GND
8	GND
9	2
10	GND

RED WIRE

OUT 24VDC IN

supply

1

2
ground