



YARILO PixelDIN

The flexible pixel tape driver. Wide set of features, low price, operation indication and quick setup without a computer. Up to 4 independent outputs in 1-Wire SPI Mode. Total 5440 pixels.

Made in Russia

Key Features

Control any type of pixel tape through all popular programs, front panel indication and quick setup through the built-in menu. Up to 4 independent outputs in 1-Wire SPI Mode and total 5440 pixels.

SPI Converter

PixelDin works as an SPI converter for all popular chips with frequencies up to 20 MHz. Supply voltage is from 5 to 24VDC.

Flexible port configuration

Each port works independently of the each other. Use 1-Wire and 2-Wire pixels together.

Supported LEDs

APA102, APA104, SK6822, TM1812, TM1814, TM1829, UCS1903, UCS9812S, WS2801, WS2811, WS2812, WS2812B, WS2813, WS2815 **

***more pixels in newer firmware*

Manual adjustment of LED IC timings

Package Contents

- Yarilo PixelDin
- Screw terminals (4-pin 2 pcs, 2-pin 1 pcs)
- RJ45-RJ45 patch cord
- Technical manual

Supports 16 Universes

Each output is capable of outputting up to 1,360 RGB pixels. A total of 5440 in 1-Wire SPI mode and 2720 in 2-Wire SPI mode.

DIN Rail Mounting

Sync support

The device supports ArtSync and Madrix® Post Sync modes. Automatic synchronization mode also is supported for the best image quality.

Ease of use

The device is ready to work in a couple of seconds after powering on. Any parameters can be set up through the built-in WEB interface and the firmware can be easily updated.

Additional Information

The latest version of the user manual and firmware updates can be found at www.yarilo.pro



YARIL0 PixelDIN

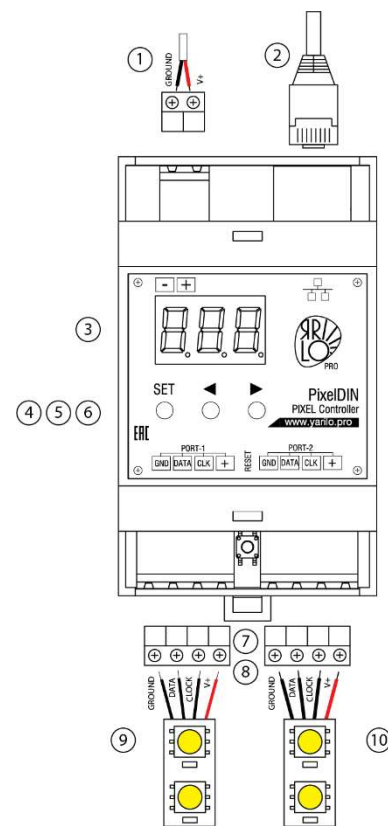
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Technical Specifications

Power Supply:	5-24V. Wiring options: (a) Feeding the flexible tapes through the device, max 2x5A = 10A b) powering the device through the LED ports c) powering the controller and the tapes with different voltages (connection of earth wires is mandatory)
Reverse polarity protection:	Yes
Power Consumption:	2 W
Network Protocol:	Art-Net, Streaming ACN*
Supported LEDs:	APA102, APA104, SK6822, TM1812, TM1814, TM1829, UCS1903, UCS9812S, WS2801, WS2811, WS2812, WS2812B, WS2813, WS2815 **
Input port:	Ethernet RJ45 10/100Mbit (compatible c 1 GBit LAN)
Output ports:	2 ports via screw terminals. Maximum of 1360 RGB pixels per port. Total of 2720 pixels
Case Material:	ABS plastic
Dimensions:	53,3x90,2x56,5 mm
Weight:	87 g
Operating Temperature:	0-50°C
Maximum ambient temperature:	40°C
IP Rating:	IP20
Certification:	EAC

** more pixels in newer firmware



1. External power supply terminal
2. LAN connection
3. LED screen
4. Button to select mode/exit to menu
5. Button to navigate left/decrease parameter
6. Button to navigate right/increase parameter
7. Button to enter the recovery mode/reset settings
8. DIN rail clip
9. Port for pixel tape 1
10. Port for pixel tape 2