ZENOPIX
smart solutions

SOLUS
TOUCH PANEL

Introduction Manual / Getting Started Guide

English

ZENOPIX SOLUS

Introduction Manual / Getting Started Guide

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Thank you for choosing Zenopix® SOLUS TOUCH PANEL.

Please read this booklet and the product's user manual before using the product. You can access the user manual on our website.

If you experience any technical issues, you can contact our company using the information below to get technical support.

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Copyright Information and Disclaimer

Safe Use

Use the device only in dry environments (indoors). The device has an IP20 rating. Do not use the device in damp environments, and avoid contact with water or other liquids. If you will not be using the device for an extended period, turn off the power. The use of galvanic isolation is always recommended. Do not remove any parts from the unit or connect it to an ungrounded circuit. Do not connect the unit to LEDs that are already on. Only connect the unit to LEDs and controllers that are initially turned off. There are no user-serviceable parts inside or outside the interface. Repair service is the sole responsibility of the manufacturer. If the interface appears to be defective, please contact your seller. After the warranty period expires, you can contact your supplier or the manufacturer to have the unit repaired for an individual service fee, if possible. This device must be used by professionals. The device is not intended to be operated by non-professionals or children.

Warranty Information

Zenopix SOLUS is under the manufacturer's warranty. You can find detailed information on the product's warranty certificate or on our website.

Box Contents

1x Zenopix SOLUS TOUCH PANEL
1x Adapter
1x Technical Document and Introduction Manual
1x Warranty Certificate

NOTE: After opening the package, check the contents and the condition of the interface. If anything is missing or damaged, contact your supplier. Do not use the device if it appears damaged.

Information on Human and Environmental Health

There are no risks to human health or the environment if this device is used in full compliance with the information in the User Manual.

The device should not be thrown in the trash; it must be delivered to device collection centers (electronic and electronic device recycling points). It should be recycled or disposed of without harming nature or human health.

Introduction
Revolutionizing Lighting Control

The Zenopix Solus Touch Panel is an easy-to-use and powerful Art-NET Master Controller that redefines the world of architectural and stage lighting. It combines the flexibility and power of the Art-NET protocol with an intuitive touch screen interface, giving you complete control over your lighting projects. Now, you can manage your entire lighting network at your fingertips, without the need for complex computer systems or special software on-site.

Key Features

Precise Pixel-Based Control

The Zenopix Solus sends Art-NET data to all Art-NET DMX players on the network. Thanks to the device's touch panel, you can control **DMX-based fixtures** (Floodlight, wallwasher, bollard, DMX Linear, etc.) installed on-site, **pixel by pixel.**

- **Single-Channel Devices:** Dimmable.
- **Two-Channel Tunable Pixels:** Color temperature can be adjusted.
- **Three-Channel RGB and Four-Channel RGBW Pixels:** The color of each pixel can be controlled individually or grouped and managed with a single command.

Grouping and Scene Management

You can easily group the pixels you want and combine these groups under the "Scene" menu. This allows you to activate different lighting scenarios with a single touch. For example, you can quickly switch between scenes created for daily lighting, event lighting, or special occasions.

Visual Control

Under the "Visual Control" menu, you can add images of your project to the device and draw polygons on them to define different lighting zones. By linking these polygons to groups, you can create a visual-based control system. You can even combine different polygons into a single polygon for more complex lighting designs. This feature is especially great for facade lighting projects, as it allows you to let your creativity run wild.

Vast Capacity and Flexibility

The Zenopix Solus Touch Panel has the capacity to handle even massive lighting projects.

- **128 DMX evreni desteği**
- Supports **1024 DMX** channels per universe
- Ability to control a total of **43,000 RGB DMX pixels** or fixtures

External Data Upload and Animation Playback

You can easily upload animations created with the Zenopix NEO software to the device via remote access. You can play as many animations as you want on your facade, adding a dynamic and vibrant look to your projects. Your Art-NET data is saved to the Zenopix Solus's memory and quickly sent to all Art-NET DMX converters via an Ethernet distributor (switch).

Smart Scheduling and Planning

The Zenopix Solus's scheduling and planning interface automates lighting management. You can set the start and end dates and times for lighting or animations to create a dynamic management system.

- Special days like Mother's Day, Father's Day, and Valentine's Day
- National and religious holidays
- Pre-defined lighting scenarios for specific periods of the year

This means you can manage the entire lighting process automatically and securely without having to go to the site.

The Zenopix Solus Touch Panel simplifies the management of your lighting projects while offering you limitless creative possibilities. Are you ready for a new era in lighting control?

On-site Debugging and Easy Commissioning

The Zenopix Solus Touch Panel goes beyond being just a controller; it's also a powerful testing tool. Thanks to the device's Test Panel feature, your on-site commissioning processes are now much faster and more accurate.

You can check whether your installed DMX pixel fixtures are correctly addressed and if all their channels are working properly by having the panel count them one by one. This feature greatly simplifies the job of field engineers and allows you to detect potential errors during the installation phase. This shortens the completion time of your project and prevents problems from arising later on.

Technical Specifications

Processor	Rockchip
Processor Model	RK3576 2.2 Ghz 8 Core
Ram	4 GB LPDDR4
RAM	32 GB eMMC
Storage	10.1"
Screen Size	1280 x 800
Wifi	2.4 Ghz - 5 Ghz
Touch Type	Capacitive Touch
Power Supply	12V DC, 3A
Power Consumption	36W
IP Protection	IP 20
USB	2x USB2.0
Lighting Protocol	Art-Net
Art-Net DMX Universes	128 Universes (Maximum)
Channels per Universe	1024 Universes (Maximum)
Network	100/1000 Ethernet/ RJ45
Dimensions	289x220x36 mm (When the case is mounted on the wall, there is a 5 mm wall height)
Temperature	-20°C ~ 70°C

IP Adsress and Device Information

You can find the following information in the System Information section after the device is turned on

- The device's serial number
- The device's model
- The default IP address

Device View

289 mm

220 mm

250 mm

200 mm

Device Netwoork Connection

Solus Touch Panel

ArtNet   ArtNet

ArtNet RDM/DMX Players

Ethernet   Ethernet

DMX

Tube

DMX

Spot Light

DMX

Wall Washer

DMX

Spot Light
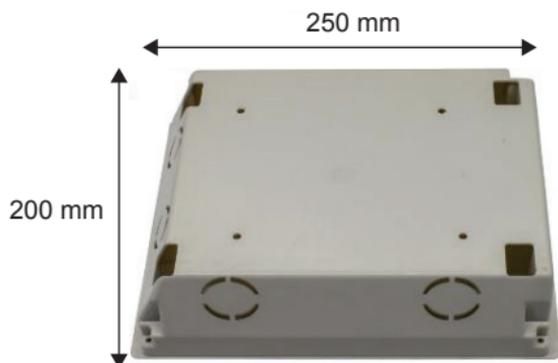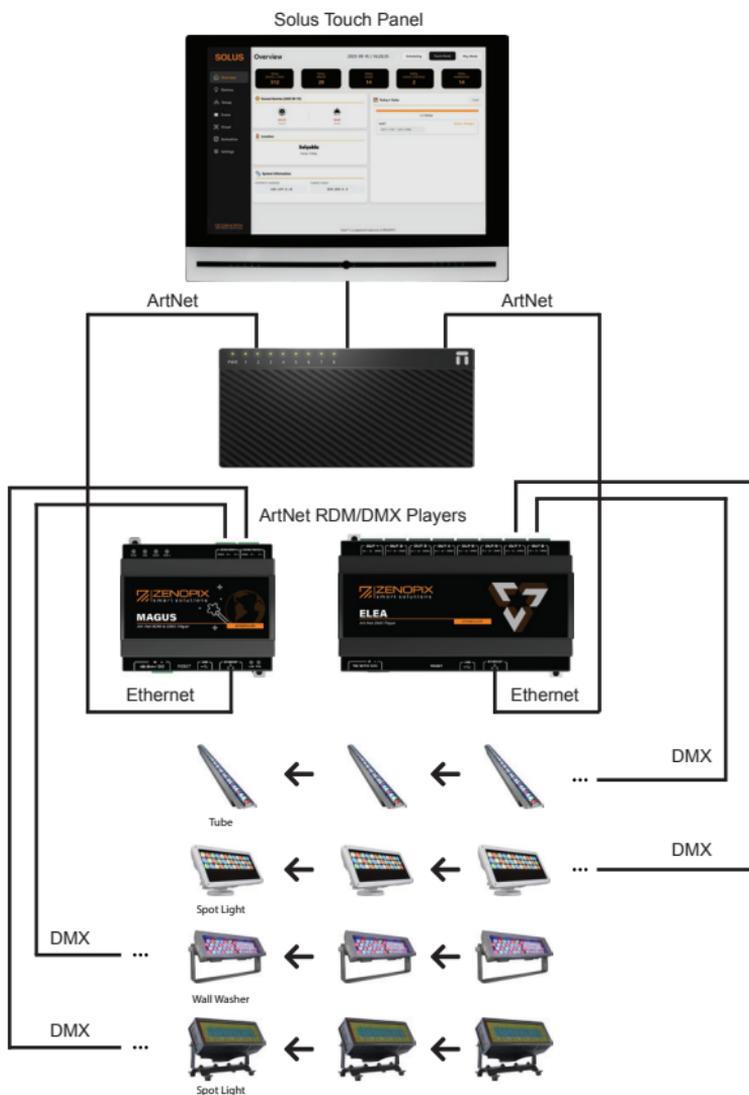
Configuration via Web Browser

You can configure the Zenopix SOLUS Touch Panel directly through its touchscreen interface or easily via the web configuration interface by connecting to the default IP address. To do this, make sure that the SOLUS Touch Panel and your computer are connected to the same network. Follow the steps below to configure the device:

- Connect your computer to the same network as the Zenopix SOLUS Touch Panel.
- PC'ye doğru ağ ayarlarını atayın.
- You can check the default settings and IP address in the system section.

Open your web browser and enter the Zenopix SOLUS Touch Panel IP address (Username: zenopix Password: solus).

Note: For the latest detailed configuration information, please visit www.zenopix.com.

- Overview
- Device
- Group
- Scene
- Visual
- Animation
  - Animations
  - Animation Play
- Settings

+ Add Animation File

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Test

2025-09-18 / 15:44:42

Scheduling | Touch Panel | **Play Mode**

- ⌂ Overview
- 🖵 Animation
- ⚙ Test
- ⚙ Settings

Active Universe(s)

IP Filtering ▼

Port	IP Address	Universe	☐ All
1	255.255.255.255	1	☐
2	255.255.255.255	2	☐
3	255.255.255.255	3	☐
4	255.255.255.255	4	☐
5	255.255.255.255	5	☐
6	255.255.255.255	6	☐
7	255.255.255.255	7	☐
8	255.255.255.255	8	☐
9	255.255.255.255	9	☐
10	255.255.255.255	10	☐

Previous   Page 1 of 3 (Total 22 universe)   Next

○ Channel Coloring   ● Channel Counting

Time   1000 ms

First :   1   End :   512

No active test

⏮ ▶ ■ ↻ ⏭

Reset Test

Selected Universe(s)

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Animation Recording with Zenopix Software

Creating animations for the Zenopix SOLUS Touch Panel is much easier. There is no need to pay a license fee for this. Zenopix NEO software or Zenopix Art-Net animation recording software are Art-Net animation recording programs developed specifically for Zenopix SOLUS. With these software, you can create as many light animations as you want.

In Zenopix NEO software, you can set up the patch layout of your pixels and create Art-Net light animations by selecting saved animations. Additionally, you can increase your animation options by adding external animation videos. You can also use Zenopix Art-Net Recorder and other Art-Net software (Jinx, Madrix, Resolume, etc.) to create unlimited animations and record them in real time.

You can perform the Art-Net DMX recording process by following the steps below. A third-party animation program is required for the Art-Net recording process. For example, you can use software like Jinx, Madrix, or Resolume to carry out the recording.
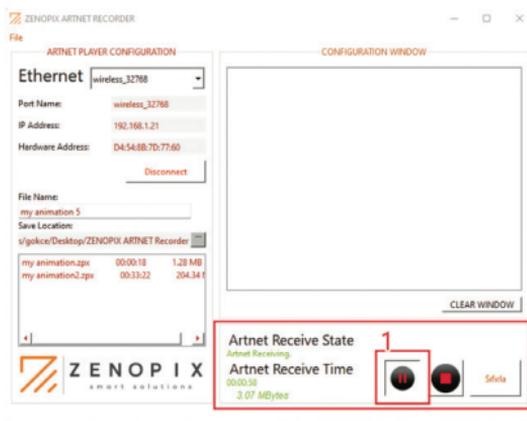
1. Make sure your computer has a Wi-Fi connection.
2. Install an Art-Net lighting animation program on your computer.
3. Run the Zenopix Art-Net Recorder software.
4. Select Wireless_XXXX as the Ethernet connection.
5. Click the Connect button to activate Art-Net.

When you click the Connect button, you will see "Art-Net Not Receiving" under Art-Net Receive State in the bottom middle of the screen. This confirms that you have connected to the network. Be sure to perform this step before opening any of the Art-Net animation programs.
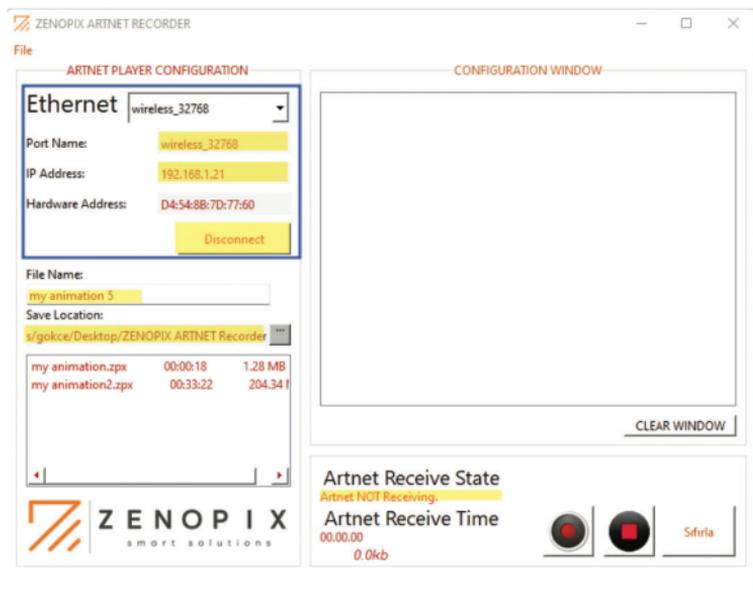
You can now switch to your Art-Net lighting animation software, such as Madrix, Resolume, or Jinx. Within your chosen software, you will see the IP address from the Zenopix Art-Net Recorder screen listed as an Art-Net device.

This means that the Zenopix Art-Net Recorder software is now acting as an Art-Net device itself.

Now you can create your pixel map (patch) structure and start your animation. When you start the animation, you will see a display similar to the image below. As shown, you will see the text "Art-Net Receiving," a time indicator, and the size of the recorded file increasing. Afterward, you can stop the recording and transfer the ".zpx" file into the Zenopix SOLUS.

For instructions on how to use the Art-Net Recording software, please visit the website.

Solus Touch Panel Setup Steps

Step 1: From the Universe tab in the Settings menu, you need to configure the IP and universe settings of your controllers by scanning or clicking the Add button.
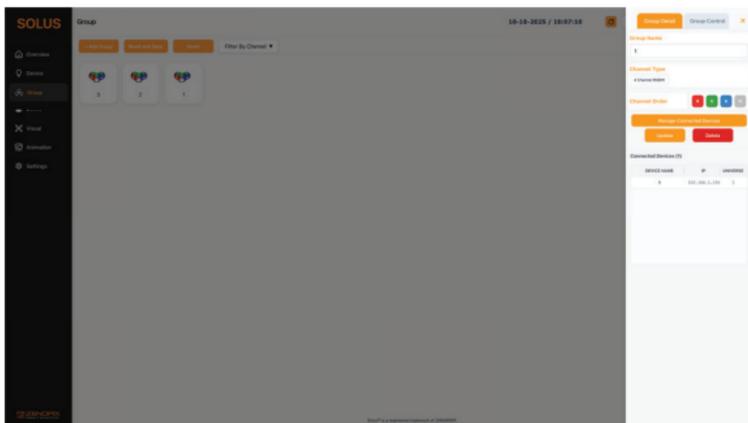

Step 2: Click on the Devices menu to add and control your pixels/fixtures by selecting their IP, universe, and channel count.

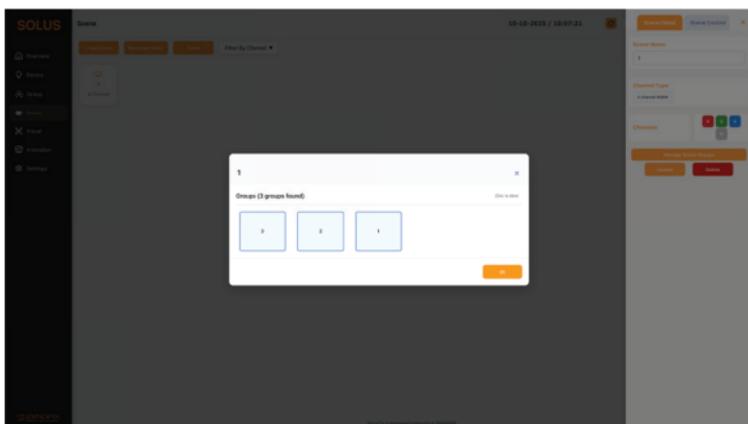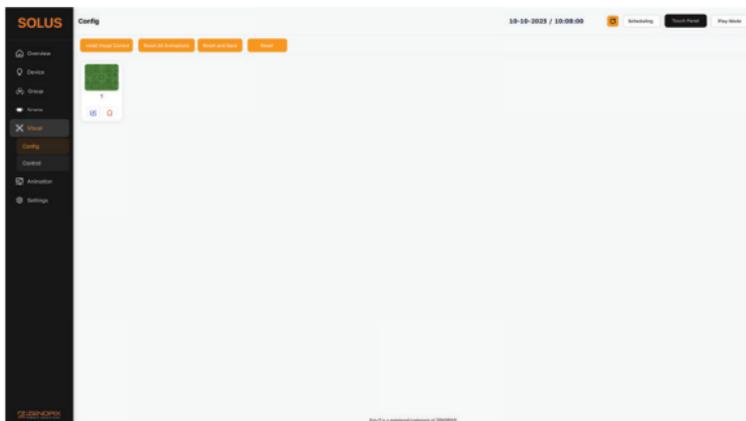**Step 3:** Click on the Group menu to create groups based on channel types, add your pixels/fixtures, and control them.

Step 4: Click on the Group menu to create groups based on channel types, add your pixels/fixtures, and manage them.

Step 5: Click on the Visual menu to add images, create and manage scenes by drawing polygons on them. You can also play your pre-set animations.

WARNINGS

1. Products must be installed by qualified professionals.
2. Zenopix products are not waterproof (except for special models). Please protect them from sun and rain. When installed outdoors, ensure they are mounted inside a waterproof enclosure. Good heat dissipation will extend the operating life of the products. Please ensure good ventilation.
3. Check that the operating voltage used meets the products' parameter requirements.
4. The diameter of the wire used must be able to handle the load of the lighting fixtures you are connecting, and the cable connection must be secure.
5. Before powering on the products, please ensure that all wiring is correct to avoid potential damage to the lighting fixtures from a faulty connection. If a malfunction occurs, do not attempt to repair the products yourself. If you have any questions, please contact your suppliers.
6. This manual is subject to change without prior notice. Product functions are dependent on the specific goods. If you have any questions, please do not hesitate to contact us.

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Zenopix is a research, development, manufacturing, and technology company that has specialized extensively in lighting control systems, backed by nearly 20 years of comprehensive experience in electronics and software.

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