Light Stream
Player / V2

The Light Stream Player V2 is designed to playback light scenes using the ArtNET protocol, created in the Light Stream software or recorded from another ArtNET signal source. Easily control up to 200 universes per device. Scenes are saved in the built-in memory through the web-interface of the device.

Features

Informative and user-friendly

OLED display for viewing various parameters and settings.
Ability to change network parameters of IP addresses, mask and gateway via convenient buttons

Integrated ports

4 DMX / RS-485 ports
2 DI / DO ports for automation
2 independent Ethernet ports with different IP addresses

RDM support

Detecting and managing RDM devices in the network with Light Stream Converter 2 / 6.

Scheduler

Flexible settings for playing animations by time. Ability to create one-time, recurring and holidays playback events.

Remote Control

Remote control of the Player via the web interface or from your own software via the rest and MQTT API.

Astronomical relay

Playback time control based on sunset and sunrise. Geolocation is specified in the settings.

Playlists

You can create playlists from cue scenes and apply smooth transition effects between them or through fade to black.

High perfomance

The ARM processor and high-speed eMMC memory allows you to playback up to 200 universes simultaneously.

Backup & Update

Possibility to save settings and update software via web interface.
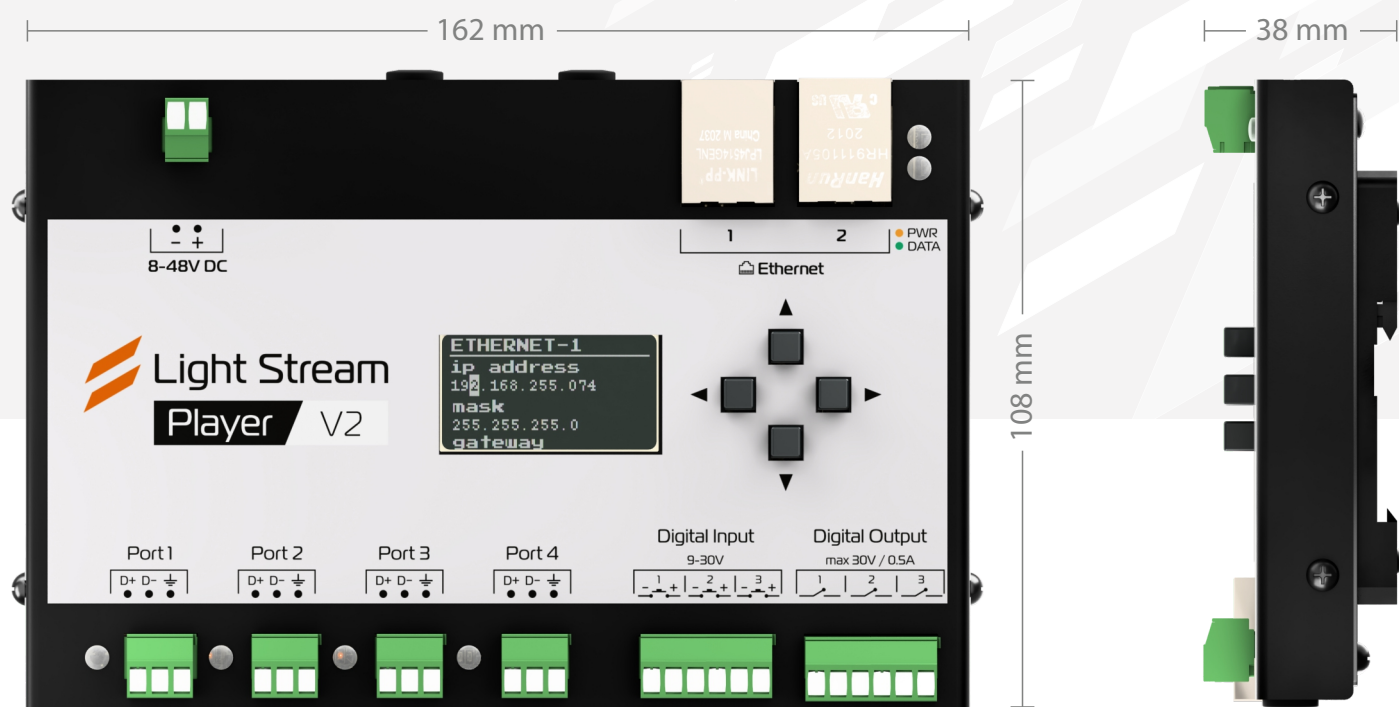
Triggers

Playback animation when external events occur. External events can be external Art-Net / Dmx signal or your RawUDP package format.
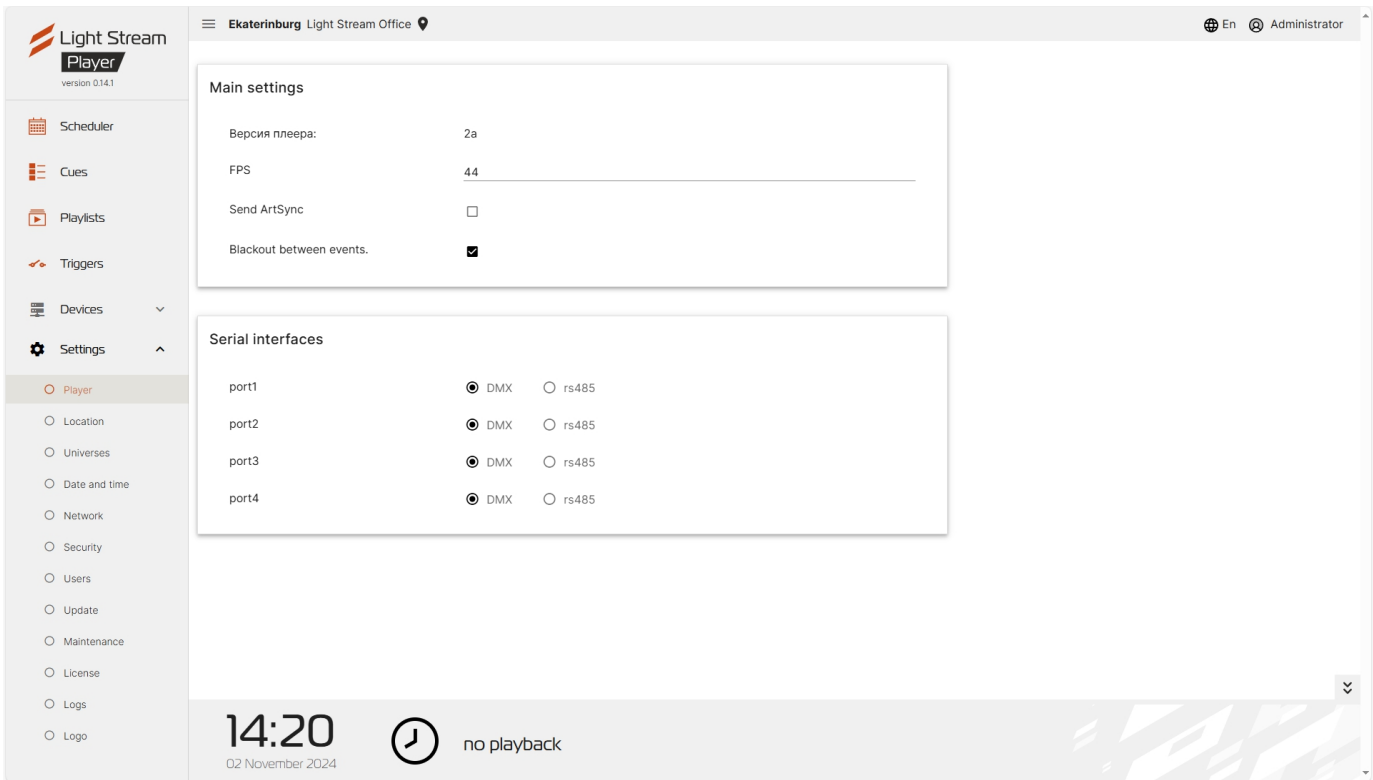
Automation

You can create complex automation scenarios using Node-RED and industrial automation protocols (Modbus, etc.).

Dimensions

162 mm

38 mm

108 mm

8-48V DC

ETHERNET-1
ip address
192.168.255.074
mask
255.255.255.0
gateway

PWR
DATA

Ethernet

1   2

Port 1   Port 2   Port 3   Port 4   Digital Input   Digital Output
D+ D-   D+ D-   D+ D-   D+ D-   9-30V   max 30V / 0.5A

Web interface

You access the player from anywhere via a web interface and can monitor, control playback and configure it remotely.

Web application interface.

Technical Specifications

Ergonomics

Case	Metal housing and passive radiator powder-coated aluminium cooling radiator, with ABS plastic fasteners for DIN rail mounting
Weight	570 g
Dimensions	162 mm • 108 mm • 38 mm

Interfaces

Physical interface	4 x DMX Ports 2 x RJ45 ethernet port support 10/100M/1000M one port 10/100M/1000M, second port 10/100M (до 100Mbit) 1 x USB Port 3 x DI isolated 9-30V 3 x DO isolated up to 30V / 0.5A OLED 1,54" mPCI-E slot for 4G/LTE (modem) M2 slot for SSD NVME 2280
Cellular	4G/LTE module (Optional)
Interface power connector	Cable cross section max. 0.75 mm^2

Hardware

Processor / Frequency	4 Core x ARM Cortex-A72 • 1500 MHZ
RAM	4 Gb, LPDDR4
Flash memory	32 Gb, eMMC
RTC module	built-in
Input Voltage	8-48V DC via power connectors, up to 12 W

Art-Net

Version	4.0
ArtDmx sending mode	Broadcast, Unicast
ArtSync	Available
RDM Support	support over ArtRDM

Number of Universes Art-Net

Depends on the type of license	4U, 8U, 32U, 96U or Unlimited (300U max)

Operating conditions

Operating Temperature	-30°C to +50°C
Storage temperature	-40°C to +70°C
Humidity	5% to 85%, non-condensing
Discharge resistance	Air discharge ± 15 kV DC
IP rating	IP20
Warranty	3 years of limited manufacturer's warranty

For goods sold before 30.09.24 - 2 years limited warranty. For goods sold after 01.10.24 - 3 years limited warranty.

Service

The connection cables and wires must be in good condition and securely fastened.There is no need to install updates on the device if it is in good working order and no new functionality is required. Before upgrading it is recommended to make a Backup version of the system in order to return to the previous version.

Safety

- Do not expose this unit to rain or moisture, it will void the warranty.
- Do not remove cover, no userserviceable components inside.
- Never connect this unit to a dimmer.
- Never connect 0V to electrical ground.

Package contents

- Light Stream Player V2
- Ethernet cable
- Terminal connectors

Certification