



## Transmitter FlySky Elysium EL18 + TMR receiver

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FlySky Elysium EL18 transmitter + TMR receiver set

FlySky kit consists of EL18 transmitter and TMR receiver. It is equipped with 18-32 channels. It allows you to customize the operation of the control sticks and buttons, and the easy-to-read 3.5-inch display provides the most important information about the operation of the device. The transmitter is distinguished by an improved power management module, as well as impressive stability, speed and longer range (up to 3,500 meters), made possible by the upgraded AFHDS3 protocol. High-performance antennas are also responsible for a reliable signal. Both components operate in the 2.4GHz band. The kit is suitable for racing drones, fixed-wing aircraft, gliders and rotorcraft, among others.

Upgraded protocol

Most noteworthy is the FlySky AFHDS 3 (Third Gen Automatic Frequency Hopping Digital System) frequency protocol, which is compatible with one-way and two-way real-time packet transmission and transparent data stream modes using the new 2.4G chip. You can individually create your RF remote control system to achieve your dream remote control distance of up to 3,000 meters. You'll do this by setting the number of RF transmission channels, as well as adjusting anti-interference and transmission delay requirements.

Easy-to-read display

The EL18 features a 3.5-inch IPS-matrix touchscreen display with high brightness levels and high sensitivity. What's more, the transmitter

is equipped with a USB-C interface and supports direct connections to DCL, DRL and Phoenix RC (via USB). It also provides an updated power management module, and RF power reaches up to 2 W.

#### Convenient function management

The EL18 uses the EdgeTX system with built-in FlySky RC technology. What does this mean in practice? Users can customize even more functions based on the original FlySky features. What's more, the transmitter works with the latest FlySky RF modules, making it possible to adjust the RF module's parameters remotely. In addition, the serial port will allow you to enjoy instant communication between the RF module and the transmitter.

#### Functionality and convenience

The robust Hall stick mounting bracket is distinguished by its long service life, which reaches up to 100,000 uses. Both the left and right throttle channels can be adjusted. You can also easily adjust the friction force. You can also adjust the mounting bracket to suit your needs. That's still not all - the EL18 transmitter has a built-in third-generation FRM301 radio frequency module and supports multiple RF communication protocols. It adapts to the main RF modules on the market, with power reaching up to 2 W. The device supports CRSF2 protocols and the CRSF RF module. It can work with most third-generation AFHDS receivers.

#### TMR receiver

The TMR model is a compact dual-antenna receiver that operates at 2.4 GHz. Its dimensions are only 16 x 12 x 2 mm, and it weighs only 0.9 g. It uses the modern AFHDS3 protocol and is compatible with EL18 and FS-PL18 transmitters. It supports RSSI power indicator and PWM, PPM, i.BUS and S.BUS output signals.

#### Thoughtful design

With its charming red color, the design of the EL18 transmitter will appeal to many users. The coating is the result of an optimized and upgraded electroplating process. The body is distinguished by its metallic style and the surface by its acrylic texture. Moreover, the ergonomic design of the handle and the surprisingly low weight of the device make the use of the product highly comfortable.

#### Included:

Flysky Elysium EL18 transmitter x1

TMR receiver x1

USB charging cable x1

User manual x1

Manufacturer

FlySky

Transmitter model

EL18

Compatibility

Classic version receivers such as FTr10 or FTr16s, etc. Enhanced version receivers such as FTr8B, FTr12B or TMR (included), etc.

Compatible models

Racing drones, fixed-wing aircraft, gliders, rotorcraft

Number of channels

18 channels for internal RF32 channels for external RF

Wireless frequency (RP)

2.4GHz ISM

2.4GHz protocol

AFHDS 3

Power

20 dBm (max.)

Antenna

Two (built-in antenna + external rotating antenna)

Input power

2x 18650 (rechargeable lithium-ion battery)

Operating current

400 mA / 4.2V

Data output

USB-C

Charging port

USB-C

Resolution

4096

Screen

Color IPS touchscreen with 320 x 480 resolution

Range

Up to 3500 m (air distance without interference)

Online update

Yes

Operating temperature

From -10°C to 60°C

Humidity range

20% to 95%

Display

Yes, touchscreen, color, 3.5"

Dimensions

205 x 183.7 x 82.9 mm

Weight

726 g

Certifications

CE, FCC ID: 2A2UNEL1800, UKCA

Color

Red

Receiver model

TMR

Compatibility

EL18, FS-PL18

Wireless frequency

2.4GHz ISM

Protocol

AFHDS 3

Antenna

Dual

Input power

3.5-9V

RSSI

Supported

Output signal

PWM / PPM / i.BUS out / S.BUS

Operating temperature

From -10°C to 60°C

Humidity range

20% to 95%

Online update

Yes

Dimensions

16 x 12 x 2 mm

Weight

0.9 g

Certifications

CE, FCC ID: N4ZTMR000

Price:

**€ 373.00**

RC models, Apparatus, Transmitters, Air transmitters