

Unstoppable Signal Strength

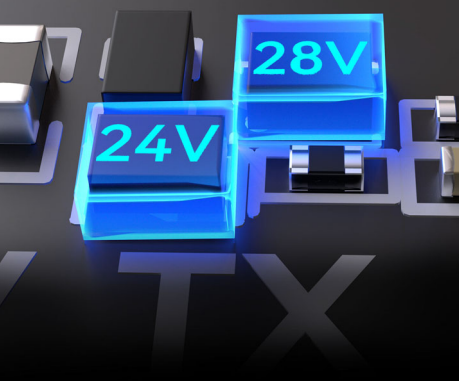
Close- or long-range, freestyle or exploration
Experience ultra-reliable signals that stay locked in,
no drops, no excuses.

CNC Full-Wrap Shielding Anti-Drop Antenna Design

Built tough, Maximum Protection
Acts as an efficiency heatsink,
maintaining stable high-power output

28V Over-Voltage Protection IC and 24V TVS

Dual-safeguard and protect misconnection



Next-Gen Processor

ESP32-C3 Moving beyond the ESP8285



Specifications

Model	SkyGuy ELRS Receiver
Name	SkyGuy Receiver
Frequency	2.4GHz
Antenna	T-antenna (52*79mm, 0.9g / 62*88mm, 2.2g)
Chip	SX1280+ESP32-C3
Power Options	25mW, 50mW, 100mW, 250mW, 500mW, 1000mW Note: Use the appropriate power level in compliance with local laws and regulations.
Input voltage	5V
Antenna connector	IPEX1
Weight	6 gram / 7.3 gram(antenna and CNC included)
Dimensions	16mm*27mm*7.5mm
Default firmware	SkyGuy Max 2.4GHz RX 3.6.2

LED Status

Double Blinking Yellow	Binding Mode
Slow Blinking Yellow	Powered on; no transmitter signal detected.
Solid RGB Light	Successfully connected; receiving signal.

P.S.

To Enter Binding Mode: Power cycle (On/Off) 3 times rapidly, or press and hold the button for 2 seconds.

FCC Warning:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.