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## GoolRC FS-SM100

# GoolRC Flysky SM100 USB RC Simulator Cable Instruction Manual

Model: FS-SM100

## 1. INTRODUCTION AND OVERVIEW

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The GoolRC Flysky SM100 USB RC Simulator Cable is designed to connect your Flysky remote controller to a personal computer, enabling the use of various flight simulator software. This allows users to practice and improve their RC flying skills in a virtual environment without the risk of damaging physical models. The cable converts the PPM signal from your remote controller into a PC-compatible signal, supporting a wide range of Flysky transmitters.



Image 1.1: The GooIRC Flysky SM100 USB RC Simulator Cable and its included adapter cables.

## 2. WHAT'S IN THE BOX

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Upon opening the package, you should find the following components:

- 1 x USB Simulator Cable
- 2 x Adapter Cables



Image 2.1: All components included in the GoolRC Flysky SM100 package.

### 3. FEATURES

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- Supports popular simulator software including Esky, Futaba, JR, and FS simulator.
- Converts PPM signal from remote control to PC internal channel control vector.
- Input: 4-8 channel PPM signal.
- Compatible with a wide range of Flysky remote controllers, including FS-i10, FS-i6, FS-i4, FS-TH9X, FS-T6, FS-CT68, FS-T4B, FS-GT3C, FS-GT3, FS-GT2F, FS-GT2G, FS-GT3B, FS-GT2.
- Supports FMS simulator.
- Works with Windows operating systems (including Windows 10). *Not compatible with Mac operating systems.*

# **Flysky SM100 USB Simulator Cable for Flysky FS-i6 FS-i4 FS-TH9X FS-T6 FS-T4B FS-GT3 FS-GT2 RC Transmitter**



Image 3.1: The simulator cable demonstrating compatibility with various Flysky remote controllers.

## **4. SYSTEM REQUIREMENTS**

To ensure proper functionality of the simulator cable, your computer system must meet the following minimum requirements:

- **Operating System:** Windows 98/2000/NT/XP (and later Windows versions, including Windows 10).
- **Processor:** Intel Pentium 600MHz or above.
- **Graphics Card:** 32MB AGP-3D Graphics Card.
- **RAM:** 128MB RAM.
- **Hard Disk Drive:** 10GB HDD or above.
- **Optical Drive:** 52X CD-ROM (for software installation, if applicable).

## **5. SETUP**

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Follow these steps to set up your GoolRC Flysky SM100 USB RC Simulator Cable:

1. **Connect the USB Simulator Cable:** Plug the USB end of the simulator cable into an available USB port on your computer. The operating system should automatically detect the device.



Image 5.1: The USB connector of the simulator cable.

2. **Select the Correct Adapter Cable:** Identify the appropriate adapter cable for your specific Flysky remote controller. The package includes two adapter cables to ensure compatibility with various models.



Image 5.2: One of the included adapter cables.



Image 5.3: The second included adapter cable.

3. **Connect Adapter to Simulator Cable:** Plug the chosen adapter cable into the main simulator cable.
4. **Connect to Remote Controller:** Connect the other end of the adapter cable to the trainer port (or equivalent port) on your Flysky remote controller. Ensure a secure connection.
5. **Install Simulator Software:** Install your preferred RC flight simulator software (e.g., FMS simulator) on your computer. Follow the software's installation instructions.
6. **Configure Software:** Open the simulator software and navigate to its controller or joystick settings. Select the GoolRC Flysky SM100 USB device as your input controller. You may need to calibrate the controls within the software.

## 6. OPERATING INSTRUCTIONS

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Once the setup is complete, you can begin using the simulator cable:

1. Ensure your remote controller is powered on and connected to the simulator cable, which is in turn connected to your computer.
2. Launch your chosen RC flight simulator software.
3. Within the simulator software, select your desired aircraft and flying environment.
4. Use your physical remote controller to control the virtual aircraft. The cable translates your controller's movements into commands for the simulator.

5. Adjust sensitivity and other settings within the simulator software as needed to match your flying preferences.

## 7. MAINTENANCE

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The GoolRC Flysky SM100 USB RC Simulator Cable requires minimal maintenance:

- **Cleaning:** Wipe the cable and connectors with a soft, dry cloth to remove dust or debris. Do not use liquid cleaners.
- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures when not in use. Avoid sharp bends or kinks in the cable.
- **Handling:** Always grasp the connector ends when plugging or unplugging the cable. Avoid pulling directly on the cable itself.

## 8. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Cable not recognized by PC.	Loose USB connection, faulty USB port, driver issue.	Try a different USB port. Ensure the cable is fully inserted. Restart your computer. Check Device Manager for driver status.
Simulator software not responding to controller.	Incorrect software configuration, remote controller not powered on, wrong adapter cable.	Ensure your remote controller is powered on. Verify the correct adapter cable is used and securely connected. Check simulator software settings to ensure the correct input device is selected and calibrated.
Controls are erratic or unresponsive.	Calibration issue, interference, damaged cable.	Recalibrate the controller within the simulator software. Ensure no other devices are causing interference. Inspect the cable for visible damage.
Not working with Mac OS.	Incompatibility.	This cable is designed for Windows operating systems only and is not compatible with Mac OS.

## 9. SPECIFICATIONS

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Attribute	Detail
Model	FS-SM100
Input Signal	4-8 channel PPM signal
USB Support	USB HID 1.1 specification
Cable Length	1.5 meters (approx. 4.9 feet)
Net Weight	87g (approx. 3.07 oz)
Package Dimensions	9.21 x 6.06 x 1.3 inches
Item Weight	3.2 ounces
Manufacturer	KKmoon

## 10. WARRANTY AND SUPPORT

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For information regarding product warranty, returns, or technical support, please refer to the purchase documentation or contact the seller/manufacturer directly. Specific warranty terms may vary based on your region and point of purchase.

