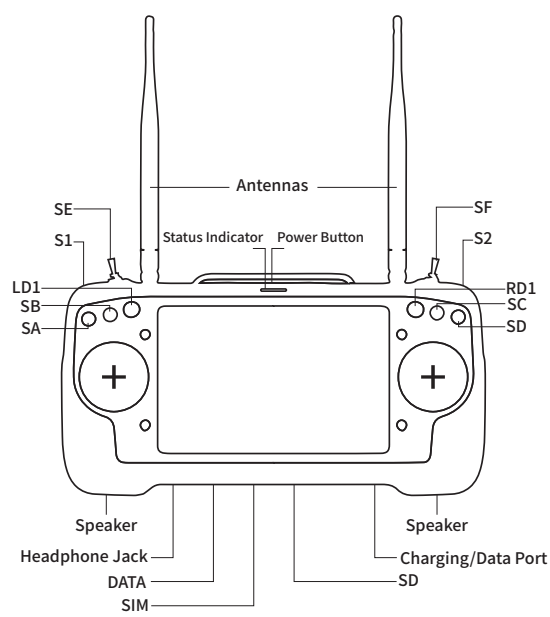
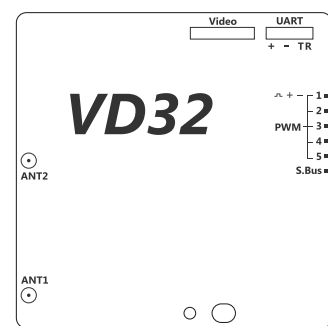


AK28 Quick Start Guide



Buttons & Switches Definition

SA: 3-Stage Switch
 SB: 3-Stage Switch
 SC: 3-Stage Switch
 SD: 3-Stage Switch
 SE: 3-Stage Switch
 SF: 3-Stage Switch
 S1: Self-resetting Button
 S2: Self-resetting Button
 LD1: Knob
 RD1: Knob
 DATA: Data Port
 SIM: SIM Card Slot
 SD: TF Card Slot



Sky Station Port Definition

Video: FPV camera port
 UART: Datalink port
 S.Bus: S.Bus signal output port
 1-5: 1-5 PWM output port

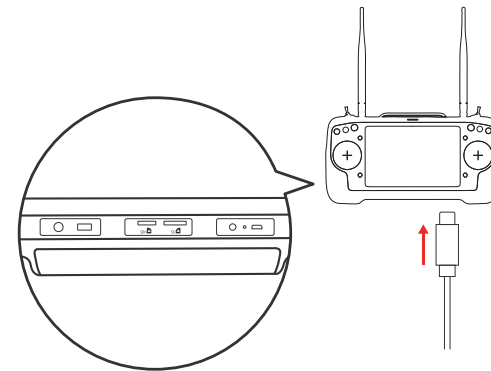
Status Indicator Definition

- Solid Green: Transmitter communication is good
- Blinking Green: Blinking frequency shows signal quality. Weaker signal quality is, faster the green light blinks
- Slowly Blinking Red: Wrong firmware
- Fast Blinking Red: Linking
- Triple Blinking Red: RF initialization failed
- Four-time Blinking Red: Transmitter joysticks require
- Solid Yellow: No communication between the transmitter and the sky station
- Triple Blinking Yellow: Video transmission abnormal
- Fast Blinking Red-Yellow-Green: Upgrading mode
- Fast Blinking Red-Green-Yellow Every 5 Seconds: The sky station is under wireless upgrading

AK28 Quick Start Guide

Charging

Please use a USB cable and follow the legend below to charge AK28 transmitter. Charging indicator is solid red during charging, and it turns to solid green when charging is finished.



Status Indicator Definition

- (Solid Red) Transmitting off
- (Solid Green) Transmitting on

Charging Indicator Definition

- (Solid Red) Transmitter in charging
- (Solid Green) Charging finished

Cautions on Charging

- Do not use a charger adapter over 5V/2A.
- Make sure AK28 transmitter is powered off before charging.
- AK28 transmitter is equipped with a 3000mAh Li-Po battery, it requires 2.5 to 3 hours for charging before battery level is full. Charging time may be different according to different chargers, please refer to transmitter's charging indicator.

Firmware Upgrading

Watching tutorial videos is very helpful for a successful firmware upgrading, you can scan the D-bars below to find those videos.



SIYI Tutorial

Cautions

For great user experience, SIYI Tech suggests that you should check the firmware version and upgrade the firmware as soon as you receive AK28 transmitter. While you are upgrading transmitter firmware, please upgrade sky station firmware at the same time.

AK28 Quick Start Guide

Download APP

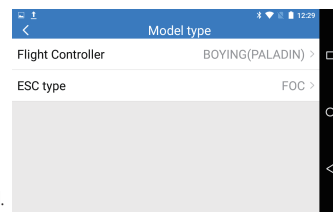
The necessary applications for AK28 have been installed in AK28 before delivery. You can also download SIYI Assistant (for parameter adjustment on PC) and VD FPV (for FPV display) on SIYI official website.

Download APP How to Download APP (either of the two methods is ok)

- Copy the installation package from PC to TF card, then insert the card into AK28's TF card slot. The last step is to find the package on AK28 and finish the installation.
- Connect AK28 to PC with an OTG cable, on AK28's screen it pops up "USB has been inserted, whether to disconnect the graph link, open the charging or file transfer function". Click "OK". On PC it will recognize a new file disk, then copy the installation package into the disk. The last step is to find the package on AK28 and finish the installation.

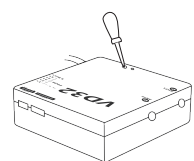
One Move to Finish Drone Settings

- Open SIYI TX app, enter "Model Type" settings, select your flight controller and ESC type, then AK28 will generate required channel value for your drone.
- Calibrate AK28's joysticks in your flight controller ground station software.
- Unlock and take off.
*Switch definition and farming voices settings have been done automatically according to your flight controller settings. Please consult to SIYI Technology for detail.



Linking

Your AK28 has been linked with its sky station before delivery. You must do linking again when you are to use a different sky station with the same AK28.



Steps

- Power on sky station.
- Press and hold the link button on the sky station for 3 seconds, the status indicator will start to blink red fast, then the sky station is ready for linking.
- In "Settings", tap on "Link - Start", AK28 will be ready for linking.
- When the status indicator turns to solid green, it means that AK28 has been linked to the sky station successfully, meanwhile in "System Settings" it displays "Linked".

Cautions

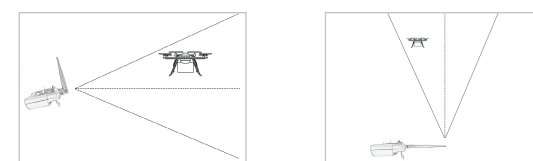
Put transmitter and sky station in between 1-meter range before linking. Do not connect sky station or datalink to aircraft during the linking process in case of powering on accidentally. Please detect transmitter channel output to confirm if linking is successful after linking.

AK28 Quick Start Guide

How to Place Transmitter Antenna Right



How to Use Transmitter Antenna Right



How to Place Sky Station Antenna Right



Datalink Connection

USB Connection

- In SIYI TX APP, tap into "Datalink" settings and change connection to "A-USB".
- Open the ground station application and choose "USB" connection.

Bluetooth Connection

- In SIYI TX APP, tap into "Datalink" settings and change connection to "Bluetooth".
- Search a 10-digit Bluetooth name "33*****" in AK28's system settings, tap on "Connect" and input password "1234".
- Open the ground station app and choose the paired Bluetooth device to finish.

Videolink Connection

- Connect antennas, the camera, and the power input each into their ports on the sky station.
- Power on AK28.
- Open "SIYI VD FPV" to check videolink display.
*Please approve if the app requested USB data.