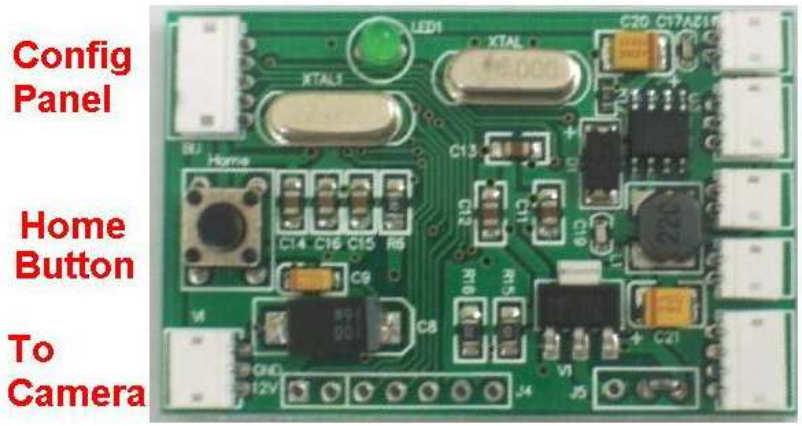
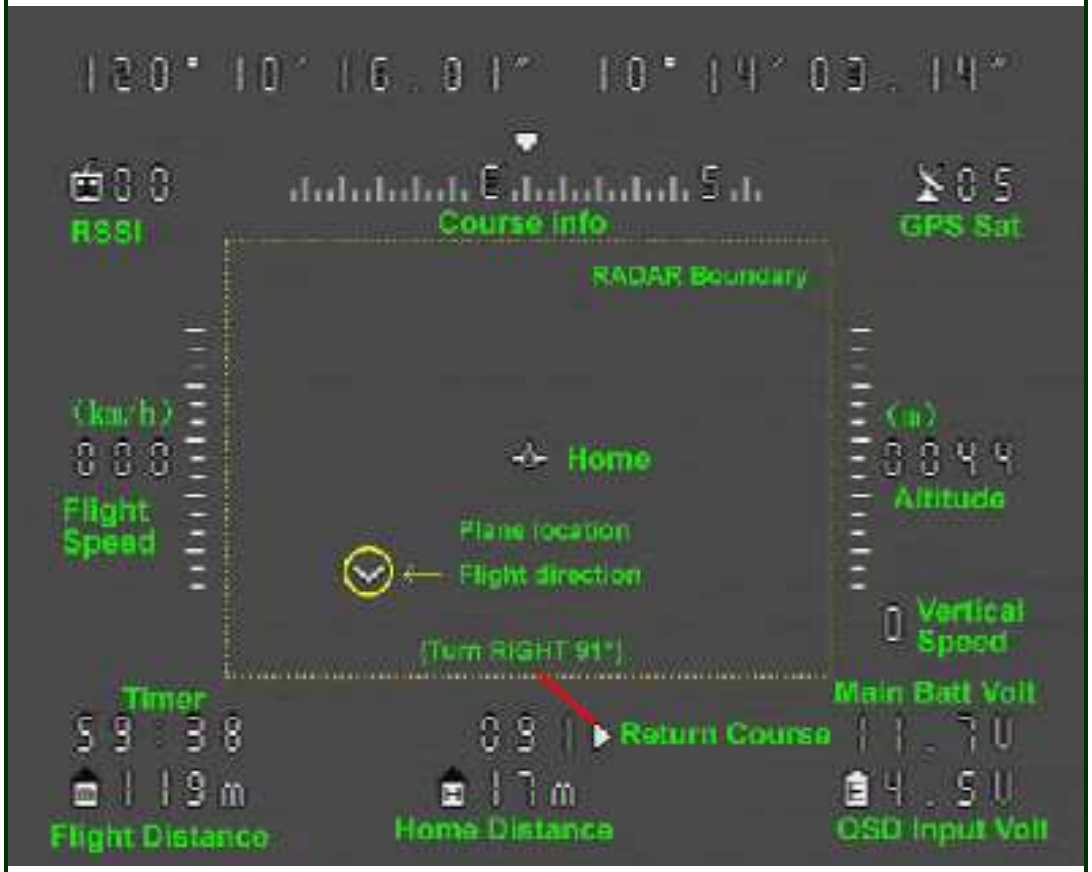
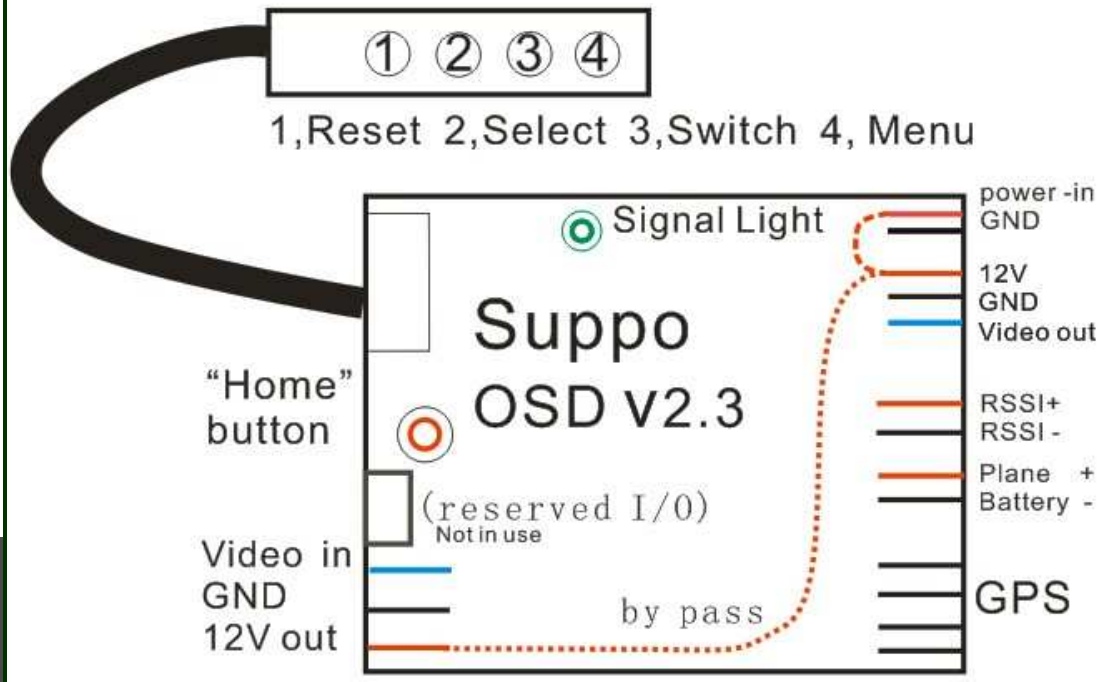
SUPPO OSD v2.3

New feature: support distance unit in meter /km and feet/ML, speed at kmh / mph





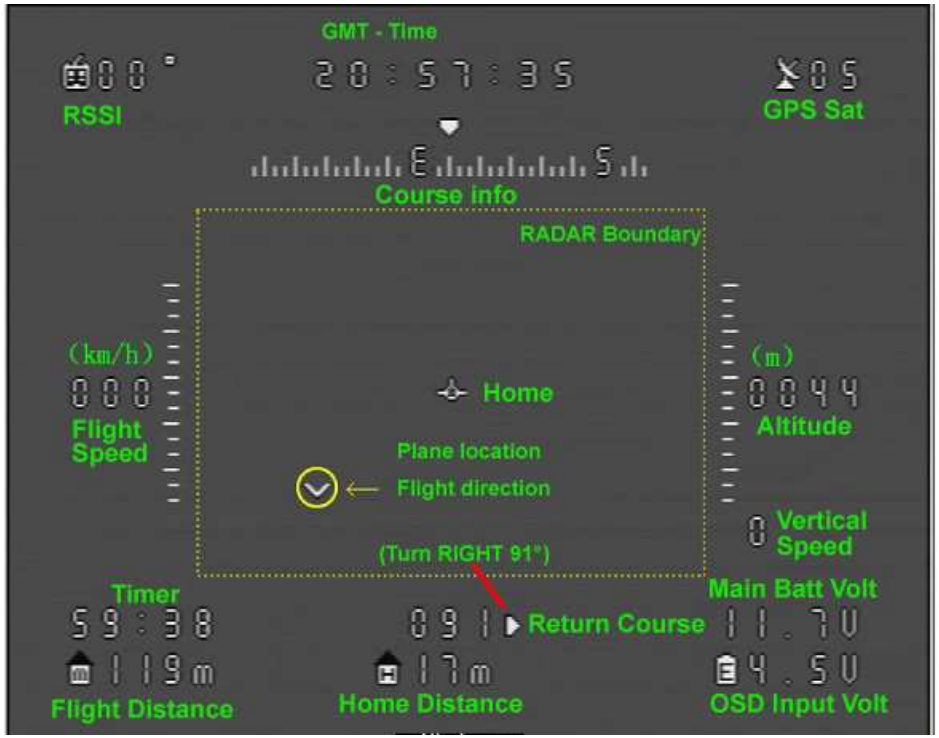
Connetion port



Connector's description				
Config panel	Connect to button panel		**Power in**	Connect to power source for your OSD (**as Voltage 4.5V shown on left**)
			Video out	For the OSD video output
			RSSI	Connect to your radio receiver's RSSI port
			Main Batt (to RC plane's battery)	Connect to your airplane's battery pack (monitor plane's voltage). **As 11.7v shown on left**)
Camera	Connect to your camera		**GPS**	Connect to GPS unit

Button and Light

“Home”	Record home location, Max RSSI, Clear timer, clear distance value
“Menu”	Enter configuration menu
“Switch”	Switch between configuration options
“Select”	Select each Option’s value
“Reset”	Restart OSD
Signal Light	Off : No power; On: connecting GPS, waiting for GPS signal; Flash: working good



Configuring OSD:

Press button **“Menu”** on “Config Panel” to enter system configuration

Use “Option SW” and “Select” button to configure

System Config menu	description	
NTSC ENABLE	0 – Disabled (for PAL)	1 – Enabled (for NTSC)
DISPLAY MODE	0 –Longitude and Latitude	1 – GMT time
LOCATION MODE	0 – ddd mm ssssss Sample: E111° 15' 45.1813" N23° 28' 2.4255"	1 - dddmm.mmmm Sample: 11115.4389 2328.22940
UNIT MODE	0 – Unit at meter (km when over 10km), Speed in km/h	1 – display Unit at feet (mile when over 10mile), speed in mph

Setting RSSI Min – Max value:

1. On ground power up TX and RX, press “set home” button, OSD will record RSSI Max;
2. On ground, power off TX, press “Menu” button, OSD will record RSSI Min value.
3. Select Save and Exit to save RSSI Min Max value.

Notes:

GPS first start will take 1 minute. Re-start only 10 second.

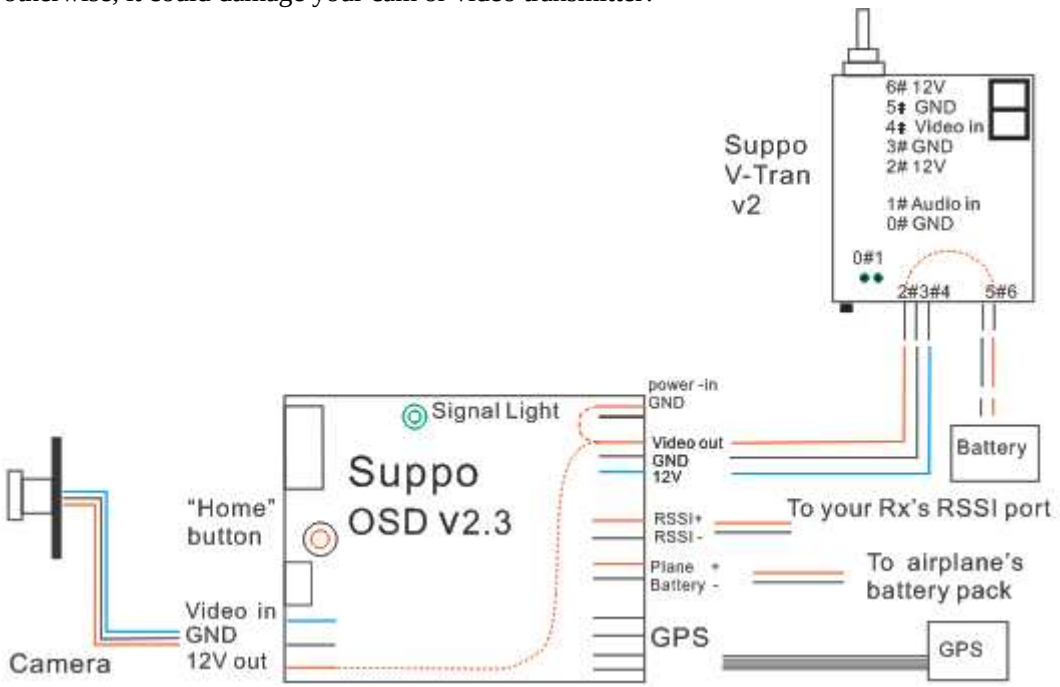
Please note that you need to set “HOME” location (press home button) each time to get the right “Flight Distance” and “Home Distance”, and “Return Course”

Typical FPV with OSD set up:

1. Camera ------- ‘Video in” OSD “Video out” to ---- Suppo V-Tx , video transmitter.
2. Connect GPS, and Main Batt wire to --- RC main battery
3. Connect RSSI to your RC Receiver (Warning: potential dangerous, could damage your RX. not recommend to do so if you don’t well understand your Radio RX)
4. Connect 9-12V power to Suppo V-tx to power up Suppo V-Tx, OSD and the camera.

Important Notice, care fully check the power wire connect Camera, OSD and Video Tx. Wrong power wiring could damage your camera OSD and video transmitter.

Important: Never mix up the Video input (VI) wire with the Video output wire (marked VO), otherwise, it could damage your cam or video transmitter!



Specifications:

	Volt	Weight	Size
OSD	5-12V	12g	49*33*6.5mm
GPS	3.3V	10g	