

#29290 XP DSV System

:: XP DSV Manual/Quick Start Guide

Head Unit Specifications:

Working voltage: 1s battery (3.7-4.2v)
Working current: 350-450mA
Receiving Sensitivity: -95dBm
Weight: 164.7g (without antenna and headband)
Size: 138mm x 129mm x 79mm (without antenna seat and antenna height)
Receiver connector: RP-SMA male
Built-in battery
Dual antenna reception
Receiving frequency: 5.8G 40CH
Screen size: 3 inch LCD display
Screen resolution: 500x300 pixels

Description:

- 1) AV IN Input port: In AV IN mode, you can access the video signal.
- 2) Antenna port: Use your Thumb and forefinger to pinch the antenna port, turn clockwise, and twist.
- 3) Ventilation holes
- 4) Snap-on head hole
- 5) Charging indicator: Red light when charging. When the light goes out, you have reached full charge.
- 6) [+] key
- 7) Menu key
- 8) [-] key
- 9) Scan/Power
- 10) Micro USB Charging Port:



Operating Instructions:

Hold down POWER/SCAN button until head unit turns on.
You can short press the power button to scan for your antennas frequency.
You can manually search for the frequency using the [+] and [-] buttons.
Press the MENU button to access the adjustable menu items.

- Brightness - adjust using the [+] and [-] buttons.
- Contrast - adjust using the [+] and [-] buttons.
- Saturation - adjust using the [+] and [-] buttons.
- AV/AV IN - adjust using the [+] and [-] buttons.
- Exit Menu - adjust using the [+] and [-] buttons.

Hold down the POWER/SCAN button to shut down the head unit.

Troubleshooting:

- Goggles Display screen but no image.
 - (1) Try to power the goggles on
 - (2) Check that the frequency from the goggles to the antenna are matching
 - (3) Check to see if the vehicle and goggle antenna is working properly
 - (4) Check to see if the vehicle and goggle antenna connection is secure
 - (5) Check if the antenna on the goggles is properly installed
 - (6) Check if the goggles mode selection is correct
- Goggles image signal quality is poor.
 - (1) Try using a different frequency. There may be other items near you using the same frequency.
 - (2) Check to see if the vehicle and goggle antenna connection is secure
 - (3) Make sure you are in an open area, as obstacles may cause interference.

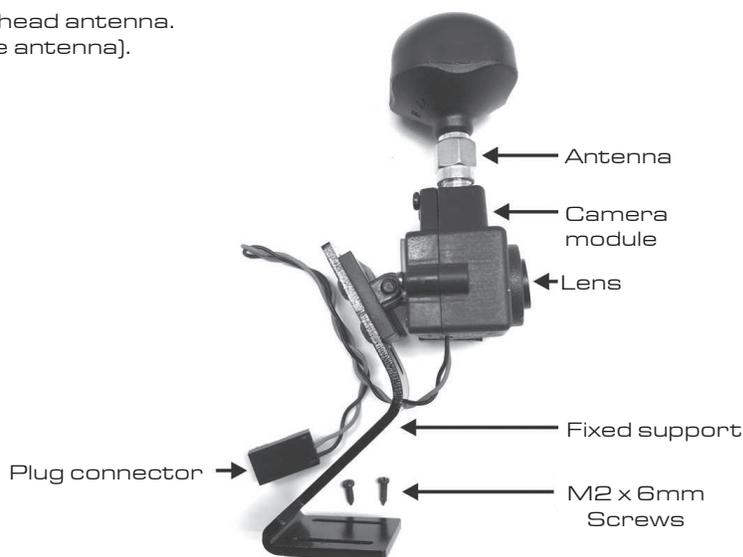
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Camera Specifications:

1. 5.8G transmitter parameters:

- 1) Frequency: 5.8G, 32CH, 4 band, 8 channel; Bands: A/C/D/E, Channel: 1,2,3,4,5,6,7,8.
- 2) Operating voltage: 6.0V-3.0V.
- 3) Working current: 350mA-550mA/5V.
- 4) Antenna: Internal hole SMA mushroom head antenna.
- 5) Size: 34mm*34mm*38mm (not include antenna).



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2. Camera parameters:

- 1) Camera sensor: 1/4" CMOS HD image sensor;
- 2) Image system: PAL/NTSC can be select;
- 3) Resolution: 1000TVL;
- 4) Synchronization system: Internal Synchronization;
- 5) Lens angle: 120° FOV 150° DFOV
- 6) Min. illumination: 0.001LUX/F1.2;
- 7) White balance: AWB-PRO/AWB-CCT/AWB-GW/AWB-SZ/AWB-AI/AWB-TEMPORAL;
- 8) SNR: ≥50db

3. Operating instruction:

- 1) Image direction:
 - DIP SWITCH2 ON - IMAGE UPWARD
 - DIP SWITCH2 OFF - IMAGE DOWNWARD
- 2) PAL/NTSC:
 - DIP SWITCH 1 ON - PAL
 - DIP SWITCH 1 OFF - NTSC

4. Camera installation

- 1) Install the camera in a safe position on your vehicle.
- 2) Once the camera is installed, connect the camera to your receiver; note the voltage and polarity requirements.

5. Notes

- 1) Make sure you are using the correct voltage before turning on your camera for the first time.
High voltage can damage your camera module, low voltage can cause a weak signal to the camera module.
- 2) Note the temperature when you operate the camera, too high of a temperature can cause damage.
- 3) Install the camera in a safe position on your vehicle as a strong impact can damage the camera.
- 4) When you install the camera, you can use a thick (1 mm) double-sided tape under the mount.
This will help create a stronger mount, and also help reduce camera shake.

Frequency and channel frequency table

	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
FR1(A)	5740M	5760M	5780M	5800M	5820M	5840M	5860M	5860M
FR2(C)	5865M	5845M	5825M	5805M	5785M	5765M	5745M	5745M
FR3(D)	5732M	5732M	5732M	5769M	5806M	5843M	5843M	5843M
FR4(E)	5733M	5752M	5771M	5790M	5809M	5828M	5847M	5866M