



## Instruction for GoPro Connector

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Thank you for your purchase! This instruction manual will guide you through the installation and operation of your GoPro Connector.

***Please read the entire manual carefully before proceeding.***

If, after you read the manual, you have any questions or problems, email us at [support@rangevideo.com](mailto:support@rangevideo.com). Please visit GPC web page for the full color, electronic version of this manual which may be updated if changes were made after printing, or if you want to view the manual on your computer.

***What is the GPC?***

GPC (GoPro Connector ) lets you get live video output from your Gopro and charge its' battery at the same time. Connect the video out from GPC to any video transmitter to use the GoPro as your FPV camera and record HD to the SD card at the same time. Never have to worry about your GoPro running out of battery in flight.

***How to start***

There are few steps before you can start using your GoPro camera with GoPro connector.

Check if GoPro camera is in working order and powers on from internal battery. Check GoPro camera with LCD backpack if possible.

Connect GPC 22 pin socket to GoPro camera

Supply 3 pin connector with 5V, GND connect Video Out cable.

Power on GoPro camera

Enjoy live video

***IMPORTANT:*** Make sure 3 pin connector is powered with 5V. Otherwise GPC Connector will not work. The GPC works by tricking the GoPro into believing there is an LCD backpack accessory installed. This is what enables the GPC to get live video out.

<p><b>Features:</b></p> <ul style="list-style-type: none"> <li>Live video to external devices</li> <li>Charge GoPro</li> <li>Works with all GoPro cameras</li> <li>Plug &amp; Play</li> <li>Overvoltage protection</li> </ul>	<p><b>Specification:</b></p> <ul style="list-style-type: none"> <li>Operation voltage: 4-6V (5V recommended)</li> <li>Cable length 35cm()13.5inch</li> <li>Over voltage protection : &gt; 6V</li> <li>22 pin connector, 3 pin connector – Power In &amp; Video Out</li> </ul>	<p><b>Packing List:</b></p> <p>Your package should include the following:</p> <ul style="list-style-type: none"> <li>1 (1) GoPro Connector</li> <li>2 (1) Manual</li> </ul>
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***Using GoPro Connector with OSD as FPV camera***

	<p>3 pin connector Pin out</p>		<p>If you use GoPro connector with OSD then set jumper Camera Voltage regulator to 5V. NOTE: IF you set jumper to 12V GoPro connector will not work</p>
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	<p>Connect 22 pin connector to GoPro camera</p>		<p>Assembly of OSD and GoPro Camera using GoPro connector</p>
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### Troubleshooting

Before troubleshoot make sure you supplied connector with 5V. Check Video out cable and GoPro Camera. GoPro connector works only with 4-6V (recommended 5V). Check accuracy with voltmeter.

<p>GoPro doesn't charge from GPC</p>	<ol style="list-style-type: none"> <li>1 Check if GoPro camera is in working order, powers on from the internal battery and LCD backpack display video.</li> <li>2 <b>IMPORTANT:</b> Check if GPC connector supplied with 5V through 3 pin connector. (see pin out for 3 pin connector)</li> </ol>
<p>Powers on, No video out through GPC connector</p>	<ol style="list-style-type: none"> <li>1 Check that the GoPro is getting power from GPC.</li> <li>2 Check if LCD backpack accessory is working.</li> </ol> <p>If LCD is working and Gopro is getting power but there is no video, then GPC is faulty.</p>

### Warranty

RangeVideo warrants the GoPro connector to be free from defects in materials and workmanship for a period of one (1) year from the date of original purchase. This warranty is nontransferable. If your unit requires warranty service during this period, we will replace or repair it at our option. Shipping cost to us is your responsibility. To obtain warranty service, email [support@rangevideo.com](mailto:support@rangevideo.com) for further instructions.

This limited warranty does not cover:

- Problems that result from:
  - o External causes such as accident, abuse, misuse, or problems with electrical power
  - o Servicing not authorized by us
  - o Usage that is not in accordance with product instructions
  - o Failure to follow the product instructions