SmartFPV GoPro RC FPV cable

This cable is designed for GoPro HD HERO, HERO 2 and HERO 3* cameras.

It plugs in to GoPro 30pin bus connector on back of camera and splits in to two cables with servo style connectors at other end.

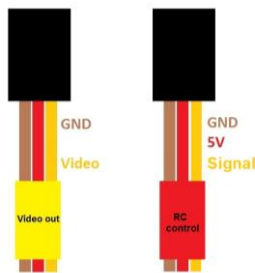Each cable is for dedicated function:
Yellow Video out from camera
Red Charge camera, and turn On/Off using RC receivers channel

You can use video out from camera and record HD video at same time.

You can charge camera from RC receiver and turn On/Off camera by using one channel from RC receiver and 2 position switch on transmitter.

Connector pinout

CABLE	Yellow wire	Red wire	Black wire
Yellow	Video signal	-	Ground
Red	RC Signal	+5V charge input	Ground

Camera compatibility
Cable has limited compatibility with GoPro HERO3 cameras:

	HERO 1	HERO 2	HERO 3 W	HERO 3 S,B
Composite video out	x	x	X	x
Turn ON	x	x	X	x
Turn OFF	x	x	X	-
Charge	x	x	X	x

Camera must be upgraded to latest firmware!

If using cable with GoPro HERO 2 camera new menu item appears where you can playback recorded videos through this cable.

RC Control
You can connect RC control cable to RC receiver's regular servo channel or sum PPM connector. It will automatically detect type of RC signal.

When using sum PPM signal it is possible to use any of the channels for On/Off control. Default control channel is channel #8.

To change PPM channel used to control video switch you need to toggle 8 times needed transmitter switch within 10s after video switch is powered ON.