

powerPLAY

60 fps h264 FPV DVR

Quick Start Guide

Rev 0.99 - Oct 2019



www.immersionrc.com



Specifications

Power	
Batteries	2x 18500 Li-ion cells
Battery Capacity	2x 1400mAh Supplied, 2040mAh cells supported (and highly recommended)
Goggle Power	DC Power Jack, with power switch :-)
Video Format	
Video File Format	H264 (AVC)
Video File Resolution	720x576 (PAL), 720x480 (NTSC)
Video Data Rate	~15Mbps (variable)
Black Flashy	None
Included Accessories	
	1x PowerPlay DVR
	2x 18500 1400mAh Li-ion Batteries (installed)
	1x Head Strap Clip
	1x Over-head Strap
	1x Replacement fan cover mounting kit w/Strap clip
	1x Short DC/AV 'Y' cable for head-mounting use (incl. Fan Power)
	1x Long DC/AV 'Y' cable for pocket use (incl. Fan Power)





Introduction

The ImmersionRC PowerPlay is a high quality stand-alone 60fps DVR, with integrated goggle battery.

Designed for either head mounting (with included straps and hardware), or simply slipped into a pocket, the PowerPlay can either be used as a simple DVR recorder, or used to also power a set of FatShark goggles.

The Power Part...

PowerPlay's Power section is a pair of two 18500, Li-ion cells, that can power a Dominator HDO + rapidFIRE + DVR for up to 3 hours*.

To recharge, either use the built-in USB-C port for up to 1.5A charging, or simply pop out the cells, and replace with a freshly charged set.

The PowerPlay ships with 1400mAh cells, but larger capacity 2040mAh cells are available from most vape shops, and are the same ones used in the FrSky X-Lite radios, so any decent FPV retailer will stock them.

** 3 hours with 2040mAh cells, not shipped with the product*

NOTE: The larger 2040mAh cells are highly recommended for reasonable battery life.

Charging

The PowerPlay, even though sporting a USB-C connector, does not support USB-PD charging, and therefore is limited to about 0.8A charge current, available from most standard USB ports.

Charging overnight will safely charge to full capacity, but for rapid charging it is highly recommended to remove the cells, and charge in an external charger.

Please follow the cell manufacturer's recommendations for charge current. 1C recommended for the stock cells (1.4A).

USB-C Video Download

The stock firmware does not support downloading of files from the SD-Card over the USB port.

The 'v2' firmware image may be downloaded from our website here:

<https://www.immersionrc.com/fpv-products/powerplay/>

User Interface

Power Switch

The power switch has three functions:

- 1) Short press: Show battery level
- 2) Long press: Power on DVR and Goggle Power
- 3) Short press while powered on: Enter Menu



Rocker Switch

The rocker switch is used to start the DVR recording, with a single press. It is also used to navigate within the menus, for setup, and playback.





Support & Repairs

The first line of support for a recently purchased ImmersionRC product should be the retailer that supplied the product. Typically retailers have a time window of approx. 30 days for replacements.

ImmersionRC also runs a network of support and repair centers. To open a ticket for support or a repair, please send an email to repairs@immersionrc.com

Please give us 48 hours to respond, especially during weekends when the support staff might be out flying.