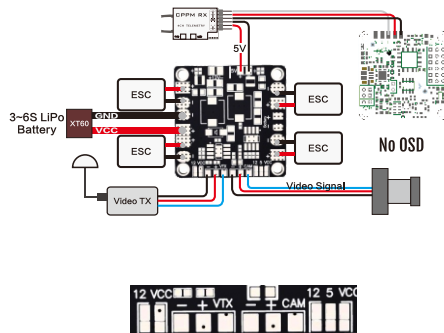




<http://akktek.com>

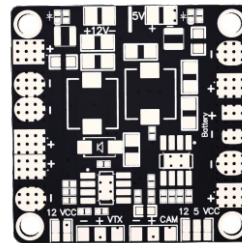
PRODUCT SPECIFICATION

Connections



e.g. choose 5V for camera, 12V for VTX
 Notice: Load under 500mA

AKK No.1 PDB Manual Instruction



<http://akktek.com>

PRODUCT SPECIFICATION

This PDB distributes power from a battery pack to 4 ESCs, as well as providing synchronised & regulated DC outputs for powering cameras, servos, VTX, LEDs, etc. Batteries may range from 3S to 6S LiPo. It also features convenient solder bridge of various voltage for camera & VTX.

Features

- ESC & Battery solder pads in pairs
- Solder Bridges of various voltage for Camera & VTX.
- 5V & 12V Output LED indicators & Short circuit tolerant

Specifications

General:

- Input voltage range (3S-6S operation): 9 - 26VDC
- Regulated 5V and 12V outputs
- LED power indicators (5V & 12V outputs)
- 4 ESC outputs

ESC outputs:

- Continuous current: 20A per output
- Peak current (10 seconds/minute): 25A per output



<http://akktek.com>

PRODUCT SPECIFICATION

BEC 5V output:

- Designed for RC Receivers, Flight controllers, OSD, and Servos.
- DC/DC synchronous buck regulator, high efficiency.
- Voltage: 5.0 +/- 0.2VDC
- Continuous current: 3 Amps
- Short-circuit tolerant (10 seconds/minute)
- LED (indicates voltage is in regulation)

BEC 12V output:

- The battery should be 4S~6S LiPo
- Standard output designed to power cameras and VTX, etc.
- Voltage: 12.0 +/- 0.2VDC
- Continuous current: 2 Amps (Max.3A 10s/minute)
- Short-circuit tolerant (10 seconds/minute)
- LED (indicates voltage is in regulation)

CAM & VTX voltage bridge

- 3S operation. choose "VCC" for 12V camera & 12V VTX, VCC=Battery Voltage.
- 4~6S operation, choose "12" for 12V camera & 12V VTX
- 3~6S operation, choose "5" for 5V camera
- Video pass through from the "CAM" pad to the "VTX" pad

Physical:

- Dimensions: 36 x 36mm
- Weight: 6g
- Mounting holes 30.5mm