



TI Asahi

Precise Aerial Imaging System

PAIS D-200



1. 1000mAh / 3.7V / 30min / 16-33mm F4.0 USM /
 2. 1000mAh / 3.7V / 30min / 24-105mm F4.0 USM /
 3. 1000mAh / 3.7V / 30min / 11-14.4 USM / 3.7V / 30min / 17-28 USM

• High precision gimbal system
 • More stable than other systems on the market
 • High stability
 • High precision photography
 • High precision
 • High precision and brushless motor
 • High precision Module

Specification of Gimbal

- ※ Input Voltage: DC 12V(3S)
- ※ Current Draw: <500mA
- ※ Maximum control range:
 - PAN 360°
 - ROLL ±30°
 - TILT 90°
- ※ Maximum control rotation rate:
 - PAN 60°/s
 - ROLL 60°/s
 - TILT 60°/s
- ※ Temperature range: -20~80°C
- ※ Voltage output: 5V / 0.5A
- ※ Dimension: 59.5x35x16.4mm

Possible configuration of Gimbal

- ※ Supporting SPECTRUM and JR satellite
- ※ Supporting Futaba S.BUS / JR X.BUS function
- ※ Configuration changes through iOS APP
- ※ Configuration changes through Android APP
- ※ RoHS certified
- ※ Supports Bluetooth connectivity with smart devices
- ※ High stability /High precision 3 axis gimbal control system
- ※ Allow precise lock on shooting objectives, allowing capture of fantastic aerial image
- ※ Featuring gain adjustment for PAN/ROLL/TILT axis, supporting various DSLR with adjustability to achieve optimal compensation performance

- ※ Highly integrated, convertible design to switch handheld use
- ※ Automatic 3 Axis neutral calibration.
- ※ Support single RC transmitter control of multicomputer and gimbal.
- ※ Multifunction modes, each axis can be remote controlled.
- ※ Shutter trigger and video recording through remote controller.
- ※ Built in HDMI/AV module



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Technical Specifications

Dimensions	
Airframe diameter	900mm
Main blade Length	179mm
Main rotor diameter	391mm
Height	446mm
Weight without battery	Approx. 3400g
APS-M Multicopter control unit	
Input Voltage	DC4.5V~8.4V
Operating current consumption	<250mA@ 4.8V
Update rate	400Hz
Operating temperature	-20° ~ 65°C(-4° ~ 149 °F)
Hovering precision	Horizontal ±1 m
Vertical	±1 m
Maximum speed	Horizontal 15 m/Sec Vertical 6 m/ Sec
Maximum Altitude restriction	700 m above taking off point.
Maximum Angular Speed	Aileron / Elevator 115°/ Sec , Rudder 145°/Sec
Maximum tilting angle	30°
Supports	G2 / G3 gimbal \ OSD+FPV video transmitter
Compatible Model	4 axis + type\4 axis x type\6 axis + type \6 axis x type\8 axis + type\8 axis x type
Dimension	49x34.3x20mm
PCU Power control unit	
Input Voltage	13.2V~25.2V (4S~6S Li-Po)
Operating frequency	500KHz
Dimension	62x35x26mm
Multicopter brushless ESC	
Input Voltage	13.2V~25.2V (4S~6S Li-Po)
Max continuous current	40A
Dimension	74.2x27x12.7mm
BL4213 Power Control Unit	
Brushless motor	370KV(RPM/V)
Input Voltage	DC 22.2V
Max continuous current	25A
Maximum continuous power	550W
Stator arms	12
Magnet Poles	14
Dimension / Weight	Φ4x Φ 52x33mm / 185g

Recommended optional camera and lens
Gopro HERO3+ camera
Gopro HERO4 camera
Sony A7R camera/Sony 20/F2.8
Nikon D750 Body
Nikon 20mm/F2.8D Lens
Nikon 28mm/F2.8D Lens
Olympus E-PL7 camera
F1.8 17mm lens
F1.8 25mm lens
F2.5 14mm lens
Canon 6D camera
Canon F2.8 20mm lens
Voigtlander F3.5 20mm lens

*specofocations are subject to change without notice.

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The CE marking assures that this product complies with the requirements of the EC directive for safety.



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