

**PAIS**

# Precise Aerial Imaging System D-600

6 Rotor Multicopter with Autopilot



- + Easy operation!
- + Increased operating time up to 25 min.
- + Can carry cameras up to 9 kg
- + Equipped with autopilot system for setting up flight route
- + Equipped with FPV (real time image link) for monitoring real image from the camera

TI Asahi Co.,Ltd  
Aiming at the future together!

# UAS D-600 Specifications

Designs and specifications are subject to change without notice, configuration is subject to changes per country, please contact your local dealer. - LEAF-D600-EN-1609 - © PENTAX 2016

Model		D-600	
<b>Frame</b>	Number of Rotors	6	
	Dimensions	Height 530 mm	
	Wingspan ø	980 mm	
<b>Electric Motor</b>	Drone Weight	3.7 kg (6.5 kg with battery)	
	Brushless	6 units	
	KV	330 KV	
<b>Rotor Blades</b>	Max. Power	650 W	
	Material	Carbon fiber	
<b>Launch and Landing</b>	Dimensions	215 mm	
	Automatic Landing	Yes	
	Foldable Gear	No	
<b>Operation</b>	Max. Payload	8.5 kg	
	Max. Speed	70 km/h	
	Cruise Speed	5 m/s	
	Control Range	5 km (max.)	
	Endurance	25 min (with a Gimbal + SONY a5000)	
	Max. Altitude	500 m	
	Max. Climb Rate	12 m/s	
	Wind Loading	12 m/s	
<b>Power Source</b>	Configuration Software	Mission planner	
	Battery	22,000 mAh 22.2V 25C 6S1P	
	Nos. of Battery	1x	
	Weight of Battery	2,509 g	
<b>Environment</b>	Min. Operation Temperature	-20 °C	
	Max. Operation Temperature	+65 °C	
<b>FPV</b>	Real Time Image Link	Yes	
	Frequency	5.8 GHz	
	Power	600 mW	
	Monitor	Included	
<b>Navigation Sensors</b>	Sensors for Position / Orientation	GPS, IMU	
	Accuracy	Vertical: ± 0.5 m	Horizontal: ± 1 m
<b>FCC Autopilot</b>	Hardware Specification	P9X	
	Software	Tower	
<b>Imaging Devices</b>	Type of Camera	Mirrorless / SLR	
	Recommended camera	SONY a5000 (Approx 4.2 kg: with Gimbal)	
<b>Standard Accessories</b>		Gimbal	
		Propositional controller Futaba T145G	
		Camera set SONY a5000 with a lens	
		Battery charger	
		Carrying case	

**Precise Aerial Imaging System** is dedicated to providing customers with first class aerial imaging system products and freedom of choice. We have carefully designed high-quality products to meet the needs of today's surveyors based on the experience of many years involved in product design and construction. We are committed to ease of use, a low cost of ownership and flexibility to accommodate different working environments. Our close partners are carefully chosen and are committed to these values as we are.

**TI Asahi Co., Ltd.**  
**International Sales Department**  
 4-3-4 Ueno Iwatsuki-Ku, Saitama-Shi  
 Saitama, 339-0073 Japan  
 Tel.: +81-48-793-0118  
 Fax: +81-48-793-0128  
 E-mail: International@tiasahi.com

[www.pentaxsurveying.com/en/](http://www.pentaxsurveying.com/en/)

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



Member symbol of the Japan Surveying Instruments Manufacturers' Association representing the high quality surveying products.