

aertos[®]

120-UVC

Industrial Drone

Providing remote UVC disinfecting capabilities for indoor areas, reducing health risks.



*Digital
Aerolus*[®]

GENERAL

Manufacturer's Product Type	Commercial Drone
Category	Vehicles
Subcategory	Vehicles-Drones
High-level tag	Vehicles
Low-level tag	Drones
Package content	Intelligent flight battery. Remote controller. Battery charger. Camera with gimbal.
Remote control:	Yes
Power source:	Battery
UVC Light Source:	36 optical intense 265 NM UVC LEDs
Product SKU:	DA-A120UVC

AIRCRAFT

Model	Aertos 120-UVC
Diagonal Size :	21 inches (533.4mm) edge to edge
Weight :	6.0 lbs
Max Angular Velocity	Pitch: 150° per second Yaw: 150° per second
Ascent/Descent Speed:	17 ft/s (5 m/s)
Flight Time	10 minutes average
Operating	-4° to 110° F (-20° to 43° C)

BATTERY

Model	TA- 25C-4500- 6S1P-XT60
Net Weight	1.43 lbs. (650 g)
Minimum Capacity	4500 mAh
Configuration	S1P/22.2V
Discharge Rate	25 C
Max Burst/Discharge rate	50C
Dimensions	5.43 inches x 1.67 inches x 2.05 inches (138 mm length x 42.5 mm width x 52 mm height)

IMAGING SYSTEMS

Main Camera	VIRB Ultra 30 Video: Up to 4k @ 30 fps Photo: 12 megapixels Video provided via wireless link to user and stored on internal micro SD card Still images stored on micro SD card
FPV Camera	Composite resolution, Super Wide Dynamic Range Low Latency

REMOTE CONTROLLER

Operating Frequency :	2.4 - 2.48 GHZ 5.7 -5.8 GHZ
Max Operating Distance :	2.4 GHz: FCC: 4.3 miles (7 km); CE: 2.2 miles (3.5 km); SRRC: 2.5 miles (4 km); MIC: 2.5 miles (4 km); 5.8 GHz: FCC: 4.3 miles (7 km); CE: 1.2 miles (2 km); SRRC: 3.1 miles (5 km); MIC: - ;
Video Output Ports	USB, HDMI, Dual display support
Power Supply	Built-in battery
Charging	Included charger
Dual User Capabilities	Host-and-Slave with second controller
Mobile Device Holder	Tablet or smartphone
Max Mobile Device Width	6.69 inches (170mm)
Output Power	9W
Operating Temperature	-4° to 104° F (-20° to 40° C)
Storage Temperature	Less than 3 months: -4° to 113° F (-20° to 45° C) More than 3 months: 72° to 82° F (22° to 28° C)
Charging Temperature	32° to 104° F (0° to 40° C)
Battery	600mAh:LiPo
USB Power Supply	iOS: 1 A @ 5.2 V (Max); Android: 1.5 A @ 5.2 V (Max)

GIMBAL

Control Angle Range :	180 ° (tilt)
Illuminator:	2000 lumens @ full current

INCLUDED

- VIRB Ultra 30 imager – Full HD 4K video, 12MP still camera
- (3) Batteries
- Dual Battery Charger
- Pelican® Case with Custom Foam
- Replacement Thruster Arm
- Aertos 120-UVC
- Remote Controller
- FPV Flight Camera
- iPad WiFi 9.7
- Field Repair Tool
- LED Illuminator
- 36 optical intense 265 NM UVC LEDs



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