


Parameter		G330 Pro
	<b>Product image</b>	
<b>Aircraft</b>		
	<b>Takeoff weight</b>	G330 Pro: 1000 g
	<b>size</b>	Folding: Length 240mm, Width 136mm, Height 101mm Expand: Length 383 mm, Width 270 mm, Height 101 mm
	<b>Maximum ascent speed</b>	8 meters per second
	<b>Maximum descent speed</b>	6 meters per second
	<b>Maximum horizontal flight speed (no wind near sea level)</b>	20 meters per second
	<b>Maximum takeoff altitude</b>	6000 meters
	<b>Maximum flight time</b>	43 minutes
	<b>Maximum hover time</b>	40 minutes
	<b>Maximum effective signal distance (no interference, no obstruction)</b>	6-8 KM
	<b>Maximum wind resistance speed</b>	12 meters/s
	<b>Ambient Temperature</b>	-10°C ~ 40°C
	<b>Satellite Navigation System</b>	GPS + GLONASS+Galileo
	<b>Hover accuracy</b>	Vertical ±0.1 meters (when visual positioning is working normally) ±0.5 meters (when GNSS is working normally) Level: ±0.3 meters (when visual positioning is working normally) ±0.5 meters (when the high-precision positioning
<b>Thermal imaging</b>		
	<b>Types of thermal imaging sensors</b>	Uncooled vanadium oxide (VOx)
	<b>Resolution</b>	640*512
	<b>Pixel size</b>	12um
	<b>NETD</b>	≤40mk@f1.0/25°C
	<b>Working band</b>	8~h14um
	<b>Temperature measurement range</b>	-40 ~ + 550
	<b>Video interface</b>	USB2.0/DVP1.8V
	<b>Frame rate</b>	30Hz
	<b>Startup time</b>	≤4s
	<b>Communication interface</b>	UART-TTL/USB
	<b>Power supply range</b>	DC: 5V(±10%)

	<b>Average power consumption</b>	0.55W/5V @23±3°C
	<b>Working temperature</b>	-40°C~+65°C
	<b>Storage temperature</b>	-45°C~+85°C
<b>Camera</b>		
	<b>image sensor</b>	Wide Angle: IMX 386, 12MP Telephoto: 5MP
	<b>lens</b>	Perspective: 79° Equivalent focal length: 25 millimeters Aperture: F1.7:10 meters to infinity
	<b>ISO Scope</b>	Video: 50 to 5000 Photo: 50 to 5000
	<b>Shutter speed</b>	Electronic shutter: 2 seconds to 1/8000 seconds
	<b>Maximum photo size</b>	3840*2160
	<b>Picture format</b>	JPEG
	<b>Photo shooting mode and parameters</b>	Single shot: 12 million pixels Low-light smart camera: 12 million pixels
	<b>Video resolution</b>	H.264 4K:3840x2160@30fps
	<b>Video</b>	MP4 ( H264)
	<b>Maximum video bitrate</b>	Wide-angle camera 4K:40Mbps
	<b>Support file system</b>	FAT32
	<b>Digital zoom</b>	Wide-angle camera: 56x zoom
<b>PTZ</b>		
	<b>Stabilizing system</b>	Three-axis mechanical pan-tilt (pitch, roll, yaw)
	<b>Scope of structural design</b>	Pitch: -135° to 45° Roll: -45° to 45° Yaw: -80° to 80°
	<b>Controllable rotation range</b>	Pitch: -90° to 35° Yaw: -5° to 5°
	<b>Maximum control speed (pitch)</b>	100°/s

	<b>Angle jitter amount</b>	Windless hovering: $\pm 0.003^\circ$ Normal gear: $\pm 0.005^\circ$ Sport gear: $\pm 0.008^\circ$
<b>Perception</b>		
	<b>Perception system type</b>	
	<b>foresight</b>	
	<b>rearview</b>	
	<b>side-looking</b>	
	<b>Up view</b>	
	<b>Effective use of the environment</b>	
<b>Image transmission</b>		
	<b>Image transmission scheme</b>	
	<b>Real time image transmission quality</b>	Remote control: Relay: 720p
	<b>Working frequency band</b>	5.725 GHz ~ 5.850 GHz

	<b>Transmitting power (EIRP)</b>	5.8 GHz: <26 dBm (FCC)
	<b>Maximum effective signal distance (No interference, no obstruction)</b>	6-8 KM
	<b>Maximum download speed</b>	80MB/s
	<b>Minimum Delay</b>	200 milliseconds
	<b>Antenna</b>	Dual antennas, dual transmission and dual reception
<b>Battery</b>		
	<b>capacity</b>	6800 mAh
	<b>weight</b>	342 g
	<b>nominal voltage</b>	14.8V
	<b>Limited charge voltage</b>	17 V
	<b>Type</b>	Li-ion 4S
	<b>energy</b>	80 Wh
	<b>Charging environment temperature</b>	5°C ~ 40°C
	<b>Charging time</b>	≈ 180 Minutes
<b>charger</b>		
	<b>input</b>	AC 100-240V 1.5A
	<b>output</b>	16.8V/3A
	<b>rated power</b>	Portable charger: 50 watts
<b>Parts list</b>		
	<b>Standard version</b>	G330 Pro aircraft * 1 G330 series 6.0-inch screen remote control * 1 (language support: Chinese, English, Russian) Language, Belarusian) G330 flight battery * 1 Propeller (pair) * 4 Portable charger * 1 USB 3.0 Type-C data cable * 1