

Aircraft

FLIGHT TIME	Up to 25 min
SIZE	20.5x18x12.2 in (520x457x310mm)
AIRFRAME WEIGHT (WITH BATTERY)	59.8oz (1695g)
TAKE-OFF WEIGHT	368.8oz (1950g)
BATTERY	4S 14.8V LiPo Battery (POWER 4)
BATTERY CAPACITY / VOLTAGE	5400mAh 4S/14.8V (79.9Wh)
CHARGER	SC4000-4
TRANSMITTER	ST16 Personal Station Ground
MAXIMUM FLYING HEIGHT	122m(400ft) agl (Restricted by FAA)
MAXIMUM ROTATION RATE	85 deg/s
MAXIMUM ROLL ANGLE	35°
MAXIMUM CLIMBING SPEED	5m/s
MAXIMUM SPEED IN FOLLOW ME MODE	43.5mph (70km/h)
MAXIMUM DESCENDING SPEED	3m/s

Camera

WEIGHT (WITH BATTERY, WITHOUT GIMBAL)	9.0oz (255g)
EFFECTIVE PIXELS	12.4 Megapixels
CAMERA LENS	14mm/F2.8
FOV	98 Degree
ELECTRONIC SHUTTER	1/30s-----1/8000s
VIDEO TRANSMISSION RANGE	Up to 1.6km/1 mile
TRANSMISSION SYSTEM	5.2Ghz – 5.8Ghz
VIDEO UHD	4K 30fps

Ground Station

OPERATING SYSTEM	Android™
NUMBER OF CHANNELS	16
CONTROL TRANSMISSION DISTANCE/RANGE (OPTIMUM CONDITIONS)	Up to 1.6km/1 mile
VIDEO LINK RESOLUTION	HD 720p
VIDEO LINK FREQUENCY BAND	5.8GHz WiFi
VIDEO TRANSMISSION DISTANCE/RANGE (OPTIMUM CONDITIONS)	FCC Compliance: Up to 1.6km/1 mile CE Compliance: Up to 1.6km/1 mile
FLIGHT SYSTEMS TELEMETRY DATA ON SCREEN DISPLAY (OSD)	Yes
LCD SCREEN SIZE	7"
TACTILE (VIBRATING) AND AUDIBLE FEEDBACK	Yes
BUILT-IN LI-ION BATTERY VOLTAGE / CAPACITY	3.6V 8700mAh 31.32Wh Li-ion