



SPECIFICATIONS

TYPHOON Q500 Multicopter

FLIGHT TIME: Up to 25 Minutes
DIMENSIONS: 9.45 in (210mm) x 16.54 in (420mm)
DIAGONAL MOTOR TO MOTOR DISTANCE: 20 in (510mm)
PROPELLER/MAIN ROTOR DIAMETER: 13.0 in (330mm)
WEIGHT WITHOUT BATTERY AND PAYLOAD: 40.0 oz (1130g)
MAXIMUM TAKEOFF WEIGHT WITH CGO3: 60.0 oz (1700g)
BATTERY: 5400mAh 3S 11.1V LiPo (included)
CHARGER: 3S 11.1V LiPo DC Balancing Smart Charger with AC Adapter (included)
TRANSMITTER: 10-channel 2.4GHz with 5.8GHz video downlink (included)
MAXIMUM FLYING ALTITUDE: Default 400 Feet Above Ground Level (Adjustable via the Q500 GUI)
RADIO CONTROL FREQUENCY BAND: 2.4GHz

ST10+ Personal Ground Station

NUMBER OF CHANNELS: 10
OPERATING SYSTEM: Android™
SCREEN SIZE: 5.5"
SCREEN RESOLUTION: 854 x 480
RADIO CONTROL FREQUENCY BAND: 2.4GHz
CONTROL TRANSMISSION DISTANCE/RANGE (OPTIMUM CONDITIONS):
FCC Compliance: Up to 800m (2624.67 ft) / CE Compliance: Up to 400m (1312.34 ft)
ROBUST RADIO CONTROL MODULATION: Yuneec Protocol
VIDEO LINK FREQUENCY BAND: 5.8GHz
FLIGHT SYSTEMS TELEMETRY DATA ON SCREEN DISPLAY (OSD): Yes
TACTILE AND AUDIBLE FEEDBACK: Yes
BUILT-IN LIPO BATTERY VOLTAGE / CAPACITY: 3.6V/5200mAh 18.72Wh

CGO3 Gimbal Camera

DIMENSION: 4.5x1.4x2.9in (115x135x74mm)
WEIGHT: 6.9oz (195g)
SENSOR: 1/2.3" CMOS
EFFECTIVE PIXELS: 12 Megapixels
CAMERA LENS: 0.6in (14mm)/F2.8 (1.4in/35mm) - No Distortion
VIDEO FOV: 115 Degree
ELECTRONIC SHUTTER: 1/30 - 1/8000
WORKING TEMPERATURE: -10°C-40°C
POWER CONSUMPTION: 10W
VIDEO TRANSMISSION RANGE: Up to 500m (1640ft)
TRANSMISSION SYSTEM: 5.2Ghz - 5.8Ghz
VIDEO UHD: 4K at 30FPS, 2.7K at 30FPS, 2.5K at 30FPS
FULL HD: 1080p at 24/25/30/48/50/60/120FPS
HD: 720p at 24/25/30/48/50/60/120FPS
MICROPHONE: Yes

CGO Steadygrip™

DIMENSIONS: 8.78 in (223mm) x 2.95 in (75mm) x 7.13 in (181mm)
WEIGHT (WITHOUT CAMERA/GIMBAL): 13.9oz (395g)
COMPATIBLE CAMERA: CGO2 Series / GoPro Hero4 Black with GB203 Gimbal