

EXO X7 Ranger PLUS

Quadcopter

Dimensions (folded)

8 x 4 x 3 in

Dimensions (unfolded)

10 x 10 x 3 in

Weight With Battery

22oz

Max Speed (X Axis)

25MPH +

Max Speed (Ascent)

5 MPH

Max Speed (Descent)

4 MPH

Maximum Takeoff Height

None

Maximum Wind Resistance

Level 5 (19-24 mph)

Operating Temperatures

32 - 100 degree F

Satellite Systems

GPS/GLONASS

Return to Home

Controller, App

Obstacle Sensors

360 horizontal, Downward

Hovering Accuracy Range

<1ft (Optical Flow) <2ft (GPS)

Motor

Brushless

Speed Levels

High, Low

Downward Spotlight

No

Range & Battery

Max Flight Time

25 minute

Max Transmission Range

1/2 mile control, 1500ft live feed

Max Flight Distance

5 miles

Transmission Latency

<500ms

Transmission Resolution

720p

Battery Type

Lithium Ion

Battery Capacity

3400mAh

Battery Charge

Time 3-5h

Battery Weight

170g

Camera

Max Video Res

2K

Max Photo Res

9MP

Sensor

1/3in Sony Sensor

Stabilization

3 Axis Gimbal

Max Video Bitrate

20Mbps

Aperature

f/2.8

FOV

80 degree

Focus Point

ISO Range	.5m - Infinity (auto)
HDR	100 - 3200 (auto)
Night Mode	No
Quickshots	No
Internal Storage	No
Still Image Size	7 - 9 Megapixels
Video Resolutions	2048X1080P (2K, 25FPS)
Photo Format	JPG
Video Format	MP4
Memory Card Type	16GB, 32GB (EXFAT)
Hyperlapse	No
Zoom	50X (digital)
General	
Obstacle Avoidance	None
Smart Features	Follow-Me, Waypoint Fly, Return to Home (x3), 50X Zoom, Find-Drone, Gesture Commands
App Name	Fly Ranger
App Compatibilty	IOS + Android

Lost Connection Saftey

Yes

Low Batery Saftey

Yes

Gimbal

Stabilization

3 Axis Gimbal (tilt, roll, pan)

Tilt Range

-90 degree - 20 degree

Pan Range

+/- 20 degree

Roll Range

+/- 20 degree

Max Controllable Speed (Tilt)

60 degree/s