

Features = Users

Based on our initial user profile.

These were determined through multiple behavioral workshops.

CUSTOMER OBSESSION

SAFE

Ducted Fan Propulsion

FUN

Autonomous CV Photography

FRIENDLY

Alexa Voice Command

QUIET

Proprietary Propeller Design

FALL-PROOF

Concealed Elastic Design

HELPFUL

Multi-Sensory Monitoring

MULTI-TASKER

Concealed Elastic Design

ENHANCER

Remote Presence via App Control

SECURE

End-to-End Encrypted Cloud

SELF-SUFFICIENT

Auto Docking & Charging



HAVE BACKBONE

Specifications

Hardware

Main Processor — Nvidia Tegra X1 (1 TFLOP/s) with powerful Nvidia Maxwell™ architecture, 256 GPU cores, multi-core 64-bit CPUs, 4K video capabilities, and more power-efficient performance.

Flight Controller — ARM Cortex-M4 with DSP

GPU — NVIDIA Maxwell 256-core GPU DX-12, OpenGL 4.5, NVIDIA CUDA®, OpenGL ES 3.1, AEP and Vulkan

Battery — 6s, 14.8V

Connectivity — 802.11ac WiFi, Bluetooth

Mechanical

Aire Chassis — 12" x 12" x 13" and 12" x 12" x 16" including top/bottom padding.

Aire Weight — 3.5 pounds

Dock Dimensions - 18" x 18" x 24"

Dock Weight — 7 pounds

Sensors

Main Camera — 4K

Inertial — (2) accelerometers, (2) gyroscopes, (2) magnetometer

Localization — (3) cameras and (1) sonar (height)

Obstacle Avoidance — (1) 3D Time of Flight depth camera and (5) sonar sensors (4 sides and upward for detecting ceilings)

Performance

Flight Time — Min 8 minutes (we are working on getting more)

Default Flight Speed - 1m/s

Charge Time — 30 minutes from empty