Transmission Power (EIRP): 2.4 GHz - CE (Europe) / MIC
(Japan) / KCC (Korea) : < 20 dBm, 5.8 GHz -
SRRC (China) / FCC (United
States) /NCC(Taiwan,China) : < 26 dBm
Hover Accuracy Range:
RTK enabled and functioning properly:
Vertical : ±0.1 m ; Horizontal : ±0.1 m
RTK disabled:
Vertical : ±0.1 m (with vision positioning) ;
±0.5 m (with GNSS positioning) ;
Horizontal : ±0.3 m (with vision positioning) ;
±1.5 m (with GNSS positioning)

Image Position Offset: The position of the camera center
is relative to the phase center of the onboard D-RTK
antenna under the aircraft body's axis:(36, 0, and 192
mm) already applied to the image coordinates in Exit
data. The positive x, y, and z axes of the aircraft body
point to the forward, rightward, and downward of the
aircraft, respectively.

Mapping Functions
Mapping Accuracy **: Mapping accuracy meets the
requirements of the ASPRS Accuracy Standards for Digital
Orthophotos Class III, ** The actual accuracy depends on
surrounding lighting and patterns, aircraft altitude,
mapping software used, and other factors when shooting.
Ground Sample Distance(GSD): (H/36.5) cm/pixel, H
means the aircraft altitude relative to shooting scene
(unit: m)

Data Acquisition Efficiency: Max operating area of approx.
1 km² for a single flight(at an altitude of 182 m, i.e., GSD is
approx. 5 cm/pixel, meeting the requirements of the
ASPRS Accuracy Standards for Digital Orthophotos
Class III

Vision System
Velocity Range: ≤31 mph(50 kph) at 6.6 ft(2 m) above
ground with adequate lighting
Altitude Range: 0-33 ft(0 - 10 m)
Operating Range: 0-33 ft(0 - 10 m)

Obstacle Sensing Range: 2-98 ft(0.7-30 m)
FOV: Forward/Rear: 60° (horizontal), ±27° (vertical),
Downward: 70° (front and rear), 50° (left and right)
Measuring Frequency: Forward/Rear : 10 Hz;
Downward : 20 Hz

Operating Environment: Surfaces with clear patterns and
adequate lighting(> 15 lux)

Camera
Sensor: 1" CMOS; Effective pixels: 20 M
Lens: FOV 84° ; 8.8 mm / 24 mm(35 mm format
equivalent:24 mm) ; f/2.8 - f/11, auto focus at 1 m - ∞