

Specs

DJI Air 2S

Aircraft

- **Takeoff Weight**
 - 595 g
- **Dimensions**
 - Folded:
180×97×77 mm (length×width×height)
 - Unfolded:
183×253×77 mm (length×width×height)
- **Diagonal Length**
 - 302 mm
- **Max Ascent Speed**
 - 6 m/s (S Mode)
 - 6 m/s (N Mode)
- **Max Descent Speed**
 - 6 m/s (S Mode)
 - 6 m/s (N Mode)
- **Max Service Ceiling Above Sea Level**
 - 5000 m
- **Max Flight Time (no wind)**
 - 31 minutes
- **Max Hovering Time (no wind)**
 - 30 minutes
- **Max Flight Distance (no wind)**
 - 18.5 km
- **Max Flight Speed (near sea level, no wind)**

- 19 m/s (S Mode)
15 m/s (N Mode)
5 m/s (C Mode)
- **Max Wind Speed Resistance**
 - 8.5-10.5 m/s
- **Max Tilt Angle**
 - 35° (S Mode)
25° (N Mode; 35° under heavy winds)
- **Max Angular Velocity**
 - 250°/s (S Mode)
90°/s (N Mode)
- **Operating Temperature Range**
 - 0° to 40°C (32° to 104°F)
(upward sensors and camera AF will be disabled at -10°C or lower)
- **Operating Frequency**
 - 2.4 GHz
5.8 GHz
- **Transmission Power (EIRP)**
 - 2.4 GHz:
FCC: ≤30 dBm
CE: ≤20 dBm
SRRC: ≤20 dBm
MIC: ≤20 dBm
5.8 GHz:
FCC: ≤30 dBm
CE: ≤14 dBm
SRRC: ≤29 dBm
- **Hovering Accuracy Range**
 - Vertical:
± 0.1 m (with vision positioning)
± 0.5 m (with GPS positioning)
Horizontal:
± 0.1 m (with vision positioning)
± 1.5 m (with GPS positioning)

Visit www.ePrice.Pk

- **Propellers**
 - Quick release, low noise, folding
- **Aircraft Arms**
 - Foldable
- **GNSS**
 - GPS+GLONASS
- **Compass**
 - Single Compass
- **IMU**
 - Single IMU
- **Internal Storage**
 - 8 GB

Intelligent Flight Battery

- **Capacity**
 - 3500 mAh
- **Voltage**
 - 11.55 V
- **Max Charging Voltage**
 - 13.2 V
- **Battery Type**
 - LiPo 3S
- **Energy**
 - 40.42 Wh
- **Weight**
 - 198 g
- **Charging Temperature Range**
 - 5° to 40°C (41° to 104°F)
- **Max Charging Power**
 - 38 W
- **Built-in Battery**
 - N/A

Visit www.ePrice.Pk

Camera

- **Sensor**

- 1" CMOS

Effective Pixels: 20 MP; 2.4µm Pixel Size

- **Lens**

- FOV: 88°

AF, 35 mm Format Equivalent: 22 mm

Aperture: f/2.8

Shooting Range: 0.6 m to ∞

- **ISO Range**

- Video:

100-6400 (Auto)

100-12800 (Manual)

10-Bit Dlog-M Video:

100-1600 (Auto)

100-3200 (Manual)

Photo:

100-6400 (Auto)

100-12800 (Manual)

- **Still Image Size**

- 20 MP

5472×3648 (3:2)

5472×3078 (16:9)

- **Still Photography Modes**

- Single shot: 20 MP

Burst shooting: 20 MP (continuous burst)

Auto Exposure Bracketing (AEB): 20 MP, 3/5 bracketed frames at 0.7 EV bias

Timed: 20 MP, 2/3/5/7/10/15/20/30/60s

SmartPhoto (including HDR and HyperLight): 20 MP

HDR Panorama:

Vertical (3×1): 3328×8000 (width×height)

Wide-angle (3×3): 8000×6144 (width×height)

180° (3×7): 8192×3500 (width×height)

Visit www.ePrice.Pk

Sphere (3×8+1): 8192×4096 (width×height)

JPEG/DNG (RAW)

- **Video Resolution**

- 5.4K: 5472×3078 @ 24/25/30 fps
- 4K Ultra HD: 3840×2160 @ 24/25/30/48/50/60 fps
- 2.7K: 2688×1512 @ 24/25/30/48/50/60 fps
- FHD: 1920×1080 @ 24/25/30/48/50/60/120 fps
- MP4/MOV (H.264/MPEG-4 AVC, H.265/HEVC)

- **Max Video Bitrate**

- 150 Mbps

- **Supported File System**

- FAT32/exFAT
- Supports a microSD card with a capacity of up to 256 GB.

- **Digital Zoom**

- Zoom recording is not available while recording 10-bit videos and 120fps videos.

4K/30fps:

4x;

2.7K/60fps:

4x;

2.7K/30fps:

6x;

1080p/60fps:

6x;

1080p/30fps:

8x

Gimbal

- **Stabilization**

- 3-axis (tilt, roll, pan)

- **Mechanical Range**

Visit www.ePrice.Pk

Visit www.ePrice.Pk

- Tilt: -135° to 45°
Roll: -45° to 45°
Pan: -100° to 100°
- **Pan Axis**
 - Controllable
- **Controllable Range**
 - Tilt: -90° to 0°(default); -90° to 24° (extended)
Pan: -80° to 80°
- **Max Controllable Speed (tilt)**
 - 100°/s
- **Angular Vibration Range**
 - ±0.01°

Sensing System

- **Forward**
 - Precision Measurement Range: 0.35-22.0 m
Detection Range: 0.35-44 m
Effective Sensing Speed: ≤15 m/s
Field of View (FOV): 71° (horizontal), 56° (vertical)
- **Backward**
 - Precision Measurement Range: 0.37-23.6 m
Detection Range: 0.37-47.2 m
Effective Sensing Speed: 12 m/s
Field of View (FOV): 57° (horizontal), 44° (vertical)
- **Downward**
 - Available Downward Sensors: Dual Vision Sensors + Time of Flight Sensors (ToF)
ToF Measurement Range: 0.1-8 m
Hovering Range: 0.5-30 m
- **Left/Right**
 - N/A
- **Upward**

Visit www.ePrice.Pk

Visit www.ePrice.Pk

- Precision Measurement Range: 0.35-22.0 m
- Field of View (FOV): 78° (horizontal), 63° (vertical)
- **Downward Auxiliary Light**
 - Single LED

Video Transmission

- **Transmission System**
 - O3
 - 2.4 GHz/5.8 GHz Auto-Switching (compatible with OcuSync 2.0)
 - 4-antenna 2T4R
- **Max Transmission Distance**
 - 12 km (FCC), 8 km (CE)
 - 8 km (SRRC), 8 km (MIC)
- **Live View Quality/Latency**
 - Drone + Remote Controller: 1080p/30fps 12 Mbps <120 ms
 - Drone + DJI Smart Controller: 1080p/30fps 12Mbps <130 ms
- **Max Transmission Bitrate**
 - 44 Mbps
- **Operating Frequency**
 - 2.4 GHz
 - 5.8 GHz

Remote Controller

- **Multiple Controllers**
 - N/A
- **DJI Smart Controller**
 - Supported
- **Remote Controller Transmission System**
 - OcuSync 2.0
- **Battery Life**
 - 9.36 Wh ×2

Visit www.ePrice.Pk

- **Supported Mobile Device Connectors**

- Lightning, Micro USB, USB-C

- **Max Supported Mobile Device Size**

- 180×86×10 mm (length×width×height)

- **Operating Temperature**

- -10° to 40°C (14° to 104°F)

- **Transmitter Power (EIRP)**

- 2.4 GHz:
FCC: ≤26 dBm
CE: ≤20 dBm
SRRC: ≤20 dBm
MIC: ≤20 dBm
5.8 GHz:
FCC: ≤26 dBm
CE: ≤14 dBm
SRRC: ≤26 dBm

Charger

- **Charging Input**

- 100-240V, 50/60 Hz, 1.3 A

- **Charging Output**

- Charging Port: 13.2 V=2.82 A
USB Port: 5 V=2 A

- **Voltage**

- 13.2 V

- **Rated Power**

- 38 W