Aero Drum Ltd
1999

STRATO-VUE 2 Ellipsoid Aerostat

Specification January 2026

Category	Technical Parameter	Description / Unit of Measure
1. General Characteriscs	Model / Designation	**STRATO-VUE 2**
	Purpose	Tactical Reconnaissance Aerostat System
	Construction Type	The internal pressure maintains the envelope's rigidity
2. Geometric Dimensions	length	3.5 X 3.5 X 2.8 m
	Helium Volume	App 18 m3
	Stabilisation	Polyester mesh (stabilisaon sail)
3. Masses and Payload	Gross lift	App 18 kg
	Empty System Weight	App 7 kg
	Maximum Payload Capacity	2 kg
4. Operational Performance	Max Operang Altude	100 m
	Max Wind Speed Limit	20 km/h
	Operang Temp. Range	-10 to 60 °C
	Daily Helium Leakage	Up to 1% per day on total volume
5. Materials & Craftsmanship	Envelope Material	100 microns TPU White
	Seam Technology	Ultrasonic Welding (0.2 mm seam)
	Stabilisation	Stabilisaon sail
	Valve System	Scoprega 2 stage valve at the back at the low point
	Safety valve	YES (RX/TX control of the valve)
6. Tether & Power System	Tether Line	100m 7 mm Polyester (300 kg BS)
	Tether Power System (TPS)	No (Available on request)
7. Logistics & Preparation	Setup / Inflation Time	Up to 2 hour
	Packaging Dimensions	1.5 x 1.5 x 1 m

All info: Aero Drum Ltd, Vojislava Ilica 99a, 11050 Belgrade, Serbia, Europe, rczeppelin@gmail.com, rczeppelin@protonmail.com, +381641213546, +381645637679