

SATLOC®

Satloc® LiteStar IV

Satloc's entry-level GPS guidance system



The LiteStar IV™ is Satloc's entry-level guidance system for aerial applicators. The L7 lightbar and intuitive controller will simplify and improve all types of spraying applications. Key features include:

- Back-to-basics, low-cost solution for quick return on investment
- Redesigned controller features simplified navigation setup and guidance options to get you flying quickly
- Ultra-bright L7 lightbar (with four customizable display fields) that minimizes fatigue and improves safety
- Ability to export log data to a USB drive for use in external third-party applications such as Satloc MapStar



Specifications

Console

Enclosure:	Aluminum
Dimensions:	3.00 H x 6.25 W x 2.69 D (in) 7.62 H x 15.875 W x 6.824 D (cm)
Weight:	1.57 lb (0.71 kg)
Environmental:	
Operating temperature	-15°C to +70°C (+5°F to 158°F); RTCA/DO-160G § 5.3 Cat. B
Humidity	RTCA/DO-160G § 6.3.1 Cat. A
Operational shock	(6g, 11ms); RTCA/DO-160G § 7.2 Cat. B
Crash safety	RTCA/DO-160G § 7.3 Cat. B
Sinusoidal vibration	RTCA/DO-160G § 8.5.1 Cat. S
Conducted emissions	RTCA/DO-160G § 21.4 Cat. B
Radiated emissions	RTCA/DO-160G § 21.5 Cat. B
Electrostatic discharge (ESD)	RTCA/DO-160G § 25 Cat. A
EMC	FCC Part 15 § 109, Subpart B
Dust/water ingress	IP50. IEC 60529 § 13.4

Lightbar

Dimensions:	2.53 H x 14.60 W x 5.94 D (in) 6.4 H x 37 W x 15 D (cm)
Weight:	4.30 lb (1.95 kg)

Antenna

GPS sensor:	GPS L1, SBAS, and L-Band
Enclosure:	Aluminum base with ASA plastic cap
Dimensions:	2.9 H x 5.1 D (in) 7.0 H x 13.0 D (cm)
Weight:	0.84 lb (0.38 kg)

Receiver

Receiver type:	L1, C/A code, with carrier phase
Channels:	10 channel, 2-channel parallel tracking
Update rate:	20 Hz maximum

Cabling

Weight:	3.0 lb (0.38 kg)
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