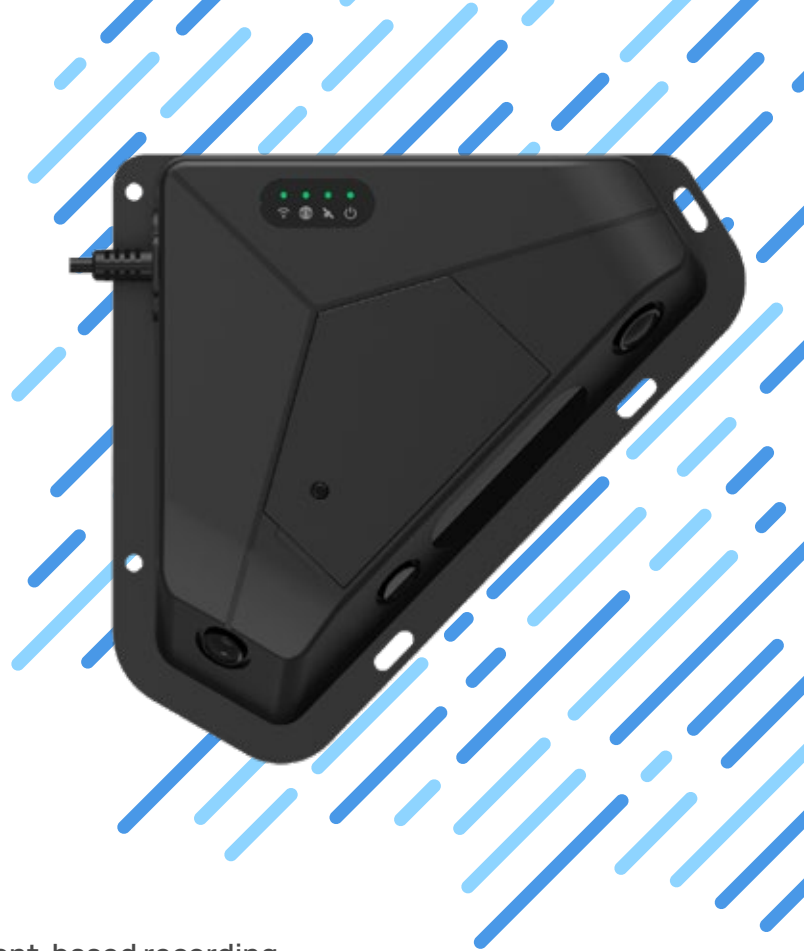


Smarter Cargo Monitoring, Safer Loads & More Efficient Operations



Precision cargo volume monitoring



HD panoramic camera



Event-based recording



Integrated GPS tracking



Solar-powered with backup battery

AI-Enhanced Cargo Intelligence

By continuously analyzing cargo volumes, the system helps optimize space and reduce underloaded trips. Low loading rates trigger instant alerts, while event-based video recording and built-in anomaly detection automatically capture and report operational or security-related issues.

Total Visibility, Total Awareness

Dual-channel HD cameras—4K interior and a 1080P exterior—provide comprehensive coverage of the entire cargo area. Advanced blacklight imaging and integrated white light support delivers clear visibility, even in complete darkness.

Smarter Cargo Protection

Strengthen cargo security with real-time door monitoring and instant alerts for abnormal openings outside geofenced zones. The system wakes and records within seconds of a door trigger, capturing high-res footage to reduce theft, resolve disputes, and ensure accountability.

GPS Tracking with Smart Power

Powered by solar, vehicle, or internal battery, the intelligent sleep modes adapt to usage and battery levels for continued idle operation. Even in sleep mode, the GPS tracker continues reporting location data to keep fleets and assets connected.

FleetCam® AI-Powered Cargo Camera

FC-CARGO

The FleetCam AI-Powered Cargo Camera uses dual high-definition AI cameras to deliver 4K cargo box monitoring and 1080p rear views. Whether in motion or parked, the system provides enhanced visibility, with real-time cargo volume detection, loading conditions, and improved cargo security – all while reducing empty miles and streamlining fleet efficiency.

Specification

Cargo Interior Camera

Resolution	2160*3840 (4K)
Frame Rate	10fps
FOV	Vertical: 125°, Horizontal: 67°
Aperature	F1.7
Minimum Illumination	0 Lux (supports white light supplement)
Blacklight Technology	Supported

Cargo Door Camera

Resolution	1920*1080 (HD)
Frame Rate	25fps
FOV	Vertical: 83°, Horizontal: 152°
Aperature	F2.45
Minimum Illumination	0 Lux (supports white light supplement)
Blacklight Technology	Supported

Connectivity

4G/LTE	North America: LTE FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5
WiFi®	2.4G: Supports 802.11 b/g/n/ax protocols 5G: Supports 802.11 a/n/ac/ax protocols
Bluetooth	Bluetooth®
GPS	Location tracking and time sync.

Environmental & Certifications

Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Protection Rating	IP69K
Dimensions	Camera: 198×191×42mm, ABS Box: 244×236×27mm
Weight	Camera: 1.19kg, ABS Box: 2.12kg
Certifications	FCC, PTCRB

Power & Storage

Power Input	DC 10-36V
Battery Capacity	Built-in 10.2Ah/73.44Wh battery
Solar Charging	Maximum 7W
Storage:	32GB MicroSD card included, upgradeable to 512GB
Power Consumption	5.5W typical, ≈0.2W sleep mode



sales@ftsgps.com • 1-866-221-1864 • FTSGPS.com