



HogEye Mini Starlink

Starlink Mini Connected Remote Camera System — Technical Specifications

Wildlife Dominion Management, LLC | wildlifedominion.com

At-a-glance

Parameter	Specification
Camera output	1280 × 720 (720p) @ 10 FPS
Field of view	140°
Infrared illumination	850–860 nm
Operating temperature	-40 to 85°C (-40 to 185°F)
Ingress protection	IP55
Internal storage	32 GB
Input power	12–24 V DC
Max current	0.85 A max
Internal cellular modem	None — Starlink version uses the same HogEye Mini camera system without the internal cellular modem
Primary connectivity	Starlink Mini receiver via WiFi for field connectivity
Customer service requirement	No separate Starlink service/account required by customer; all data/connectivity is purchased through Wildlife Dominion at \$100/month USD
Battery	12V 100Ah LiFePO4
Solar panel	DOKIO 300W foldable monocrystalline kit; 300W max, 18V max / 12V DC out, 16.67A; folded 19.3 × 37.4 × 1.1 in, 15.2 lb; standalone PWM controller + USB

System configuration

Item	Details
Included HogEye components	Camera system with travel case; charge controller; power cable; gate cable; latch adapter; battery cable; solar panel; harness adapter; additional listed components: latch, battery, 2-pin splitter, tote.
Included mounting stand	Freestanding tripod stand provided in place of a customer-supplied T-post: the Starlink Mini receiver mounts on top of the stand and the HogEye camera mounts on the side. Eliminates the need for the customer to provide a T-post and camera mount.
Starlink connectivity components	Starlink Mini receiver with integrated WiFi, mounted on top of the included stand; powered from the included solar configuration via the proprietary power cable supplied with the Starlink Mini.
Connectivity architecture	HogEye Mini Starlink uses the same HogEye Mini camera hardware and application platform, but connectivity is provided over WiFi through the Starlink Mini receiver instead of an internal cellular modem.
Managed service model	Customer does not need to purchase or manage separate Starlink service. Data/connectivity is purchased through Wildlife Dominion at \$100/month USD.
Power architecture	The included solar configuration is sized to support both the HogEye camera and the Starlink Mini receiver. The HogEye camera and trap/actuation harnessing connect through the included power and gate cabling. The Starlink Mini is powered by the proprietary power cable supplied with the unit.



Field deployment: Starlink Mini mounted on top of the included freestanding stand with the HogEye camera mounted on the side.

Functional capabilities

Capability	Description
Product overview	HogEye Mini is a field-deployable remote camera monitoring and control system designed for trap-site situational awareness and remote operations. The system supports live video viewing, event notifications, and multi-user access management for operational teams.
Mobile app / remote access	HogEye Camera Management App supports live video viewing, snapshot capture, video access/download, event notifications, and organization-based user management.
Video storage and retention	Video recordings are stored on the camera and available for download through the application. Recordings are automatically deleted after 14 days to conserve storage.
AI feral swine detection	AI detection filters motion events to reduce false notifications by notifying only when pigs are detected. User-defined hog-count thresholds can be configured so notifications trigger only when the detected count meets or exceeds the selected threshold. Optional AI subscription add-on (see Subscription & Pricing).
User access and permissions	Organization-based sharing supports multiple users accessing the same camera system. Permissions can be assigned for view, operate/drop, or manage functions.
Installation / mounting	Camera can be mounted to a T-post or other sturdy field structure using the provided mounting hardware, or deployed on the included freestanding tripod stand (Starlink configuration). Camera direction is adjustable after mounting.
Safety	Read and follow all safety instructions before assembly and operation. When using remote deployment functions, verify the area is clear before actuating any trap mechanism.
Warranty / origin / support	3-year limited warranty effective October 2025. Coverage statement: camera unit and included lithium battery. Manufactured and assembled in the USA; supported by a U.S.-based technical support team.

Subscription & Pricing

Plan	Price	Notes
Starlink data & connectivity plan	\$100/month USD	No separate Starlink service/account required; all data and connectivity purchased through Wildlife Dominion.
AI feral swine detection (optional add-on)	\$10/month USD	Adds AI pig detection, hog-count thresholds, and false-notification reduction; billed in addition to the connectivity plan.

Starlink Mini receiver specifications

Parameter	Specification
Application	Compact portable kit designed to provide high-speed, low-latency internet on the go or in the home.
Antenna	Electronic phased array
Field of view	110°
Orientation	Software assisted manual orienting
Dimensions	298.5 × 259 × 38.5 mm (11.75 × 10.2 × 1.45 in)
Weight	1.10 kg (2.43 lb); 1.16 kg (2.56 lb) with kickstand; 1.53 kg (3.37 lb) with kickstand and 15 m cable
Environmental rating	IP67 Type 4 with DC power cable and Starlink plug/cable installed
Operating temperature	-30°C to 50°C (-22°F to 122°F)
Wind speed	Operational: 96 kph+ (60 mph+)
Snow melt capability	Up to 25 mm/hour (1 in/hour)
Power consumption	Average: 25–40 W
Input rating	12–48 V, 60 W
USB PD requirement	100 W, 20 V/5 A minimum with Starlink USB-C to barrel jack cable accessory
WiFi technology	802.11a/b/g/n/ac
WiFi generation	WiFi 5
Radio	Dual Band 3 × 3 MU-MIMO
Ethernet	One (1) latching Ethernet LAN port with Starlink plug
WiFi coverage	Up to 112 m² (1,200 ft²)
Security	WPA2
Devices	Connect up to 128 devices
Mesh compatibility	Compatible with all Starlink mesh systems

Starlink Mini kit contents

Item	Specification
Kit contents	Starlink with integrated WiFi; kickstand; Mini pipe adapter and flat mount; DC power cable 15 m (49.2 ft); power supply; Starlink plug
Package weight	2.72 kg (6 lb)
Package dimensions	430 × 334 × 79 mm (16.92 × 13.14 × 3.11 in)

Mounting stand specifications

Parameter	Specification
Type	Freestanding adjustable tripod stand (provided in lieu of customer-supplied T-post)
Configuration	Starlink Mini receiver mounts on top; HogEye camera mounts on the side
Material	Lightweight steel
Maximum height	Up to 70.8 in (locking height adjustment)
Load capacity	Up to 110 lb per stand
Adjustment	Locking height positions with safety lock
Included	Adjustable stand with carrying bag