FleetCam® Wireless Outdoor Camera · FC-CAM-WRLSC

Complete Visibility Behind the Trailer

- IP69K waterproof/dustproof
- AI-powered pedestrian detection
- Incredible low-light performance
- Auto ID connects tractor with trailer
- Up to 390ft wireless transmission range

AI-Powered Pedestrian Detection

Advanced AI detects pedestrians behind the trailer, improving driver awareness, mitigating potential accidents, and reducing the risk of cargo theft.

Automatically Pair Tractor and Trailer

A secure PLC connection with the in-cab transmitter provides automatic trailer identification, enhancing tracking and streamlining logistics management.

Rugged High Definition Camera

The rugged, IP69K waterproof design ensures the camera consistently captures 1080p footage with a 140° ultra-wide field of view in extreme weather conditions.

Simple, Secure Installation

Equipped with standard mounting brackets for a quick and simple installation process and a reliable connection.

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The FleetCam® Wireless Camera is a state-of-the-art camera and wireless receiver system designed to improve trailer safety and security. With 390', interference-free wireless transmission, an ultra-wide 1080P video capture, and incredible low-light performance, the new camera provides drivers complete visibility behind their trailers.

Specification

Camera

Sensor	1/2.9" 2MP CMOS
Resolution	1920(H) x 1080(V); main stream 1080p @ 30fps, H.264
Lens	2.8mm M12, fixed aperture F2.2 (FOV H: 104°, V: 55°)
Minimum Illumination	Color: 0.1 Lux/F1.2; B&W: 0 Lux (IR LED on)
Day/Night Mode	Auto IR
IR Range	< 15 m
Adjustable Angle	0°–270° vertical
Power	DC8–32V; IR off 3.3W / IR on 4.2W
Durability	IP69K; -30°C to +70°C; 0–90% RH

Wireless Performance

Frequency	2412–2472 MHz, Pwifi OFDM
Transmission Range	300M (open environment)
Bandwidth	12Mbps; video latency within 200ms
Pairing	Camera and receiver match automatically; built-in ID code passthrough

Receiver

Receiver Sensitivity	-86DB
Video Output	AHD (impedance 75Ω); 1080p @ 30fps, H.264
Power Supply	DC8–16V; max 5.6W
Durability	IP69K; -20°C to +70°C; 0–90% RH
Dimensions	L92.50 x W60 x H78.5mm (camera & receiver)

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