

Ultra-Sonic & Microwave Sensors All-In-One



64/006,101 ARCH & 77GHz
64/005,757 ARCH Ultrasonic
64/013,325 Adj Sensors



FLEETVU Training Verification




CURRENT STANDARDS (2026)

- 1. FMCSA 49 CFR §393.80 (Mirrors):**
Strict visibility requirements; no allowance for blind spots.
- 2. CSA BASIC SCORES (Unsafe Driving):**
Public data, impacts premiums and contracts. Increased scrutiny on pedestrian and intersection events.
- 3. INSURANCE CARRIER MANDATES:**
Rising premiums and required tech for renewals.

FLEETVU SOLUTION

-  **INTEGRATED 77GHZ RADAR**
98ft detection range.
**EXCEEDS CURRENT MARKET PERFORMANCE.*
-  **4x FENDER-MOUNT ULTRASONICS**
Targets the patented Arch Fender Well to eliminate front corner blind spots.
-  **FAIL-SAFE DRIVER ALERTS**
Instant visual and audible triggers.

REGULATORY ADVANTAGE

-  **CSA SCORE PROTECTION:**
Proactively prevents near-misses that fuel unfavorable BASIC scores.
-  **MIRRORLESS SYSTEMS PRECURSOR:**
Pre-validates advanced camera-monitor system (CMS) adoption, aligning with potential FMCSA exemptions (e.g., Vision Systems 2025 precedent).
-  **INSURANCE CREDITS:**
Demonstrable reduction in side-swipe claims allows for premium negotiation.

THE FLEETVU 'COMMON SENSE' REDUCTION

TRADITIONAL BLIND SPOT COVERAGE

- Minimal 'Arch' zone awareness
- Minimal general coverage
- Lenerad side only (limited to door)



FLEETVU DUAL-LAYER ARCH-FENDER PROTECTION

- Patent Pending: ARCH Fender Well Installation
- Side/Blind Spot (Radar 98ft)
- (15-inch wave) Arch Sensor
- Patent Pending: 90ft Tri-Color LED (Visual)

ACTIONABLE BENEFITS

- ***REDUCE LOSS:** Instantly mitigates arch fender and side-swipe collisions. Immediately impacts urban claims (\$15k+ average).
- **FUTURE-PROOF:** Validates next-gen AEB (Automatic Emergency Braking) systems that rely on multi-sensor data fusion.