

Every 11 seconds, an older adult is treated in the ER for a fall.

AISform's technology is designed to act in those crucial moments—automatically, instantly, and without compromise.

AISform.AI

At AISform, we believe advanced technology shouldn't come at the cost of privacy or complexity.

That's why we created a fall detection solution that's both smart and simple—so more lives can be protected.



Reliable. Private. Instant.

Fall Detect

When every second counts, trust the AI that never sleeps.

Powered by Cheetah™ Edge AI Imaging



→ Scan QR code for
datasheet or demo

AIStorm's Fall Detection Module offers a smarter Solution

Falls remain the leading cause of injury and hospitalization among older adults. Yet most current solutions rely on manual triggers or cloud-connected cameras—raising costs, delaying response times, and compromising privacy.

How do we compare?

Feature	AIStorm Fall Detect	mmWave Sensors	Cloud Cameras	Wearables
Always-on Monitoring	✔ Yes, <10mW	✔ Yes	⚠ Intermittent	⚠ When worn
Fall Detection Accuracy	✔ High (AI vision)	⚠ Limited detail	✔ High	⚠ Variable
Privacy-Friendly	✔ No images/video	✔ No video	✗ Streams video	✔ Yes
Installation Simplicity	✔ Plug & place	⚠ Calibration	✗ Wiring/setup	⚠ Must be worn
Standalone Operation	✔ No cloud needed	✔ Yes	✗ Needs cloud	✔ Yes
Latency	✔ Instant (<1 sec)	⚠ Medium	⚠ Cloud delay	⚠ Alerts vary
Power Efficiency	✔ Ultra-low power	✔ Low power	✗ High power	⚠ Needs recharge
Cost	✔ Affordable module	⚠ Mid-range	✗ Expensive	⚠ Varies

Piece of mind

- Automatic, real-time detection
- No video or images captured or transmitted
- <10 milliwatt always-on power for true long-term operation
- Compact, integratable, and affordable

AIStorm Fall Detect

Key Capabilities:

- Local CNN-based AI for instant fall recognition
- Operates under 10 milliwatts always-on
- Works in low-light, cluttered, or partial-occlusion scenarios
- Completely private: no streaming, no storage, no servers
- Small, simple to integrate into existing systems

Core Specifications:

- Sensor: Cheetah™ Edge AI Charge-Domain Imager
- Z-height: <4mm module
- Power: USB-C or battery-operated (multi-year runtime possible)
- Connectivity: GPIO, BLE, Wi-Fi options for alerting
- Mounting: Ceiling, corner, wall—flexible and non-intrusive

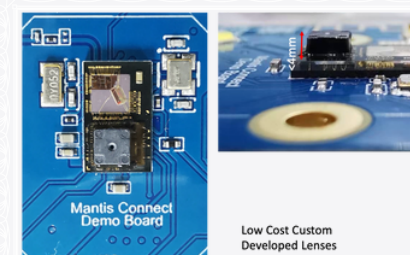
Ideal For

Residential elder care
Clinics, rehab centers, smart homes
OEM integrations with voice assistants, security, or health platforms

Available As:



Final Product



Sensor for Integration

AIStorm Fall Detect offers the only vision-based solution that is:

- Accurate without invading privacy
- Always on, without draining power
- Ready to deploy without bulky infrastructure