



TECHNOLOGY THAT PROTECTS

WHAT MATTERS MOST



BLAXTAIR®

SMART CAMERAS POWERED BY AI AND IOT TO IMPROVE PEDESTRIAN SAFETY
AND INDUSTRIAL PRODUCTIVITY.

99% ACCURACY IN THE BLINK OF AN EYE.

Powered by advanced AI trained on industrial imagery and real-world studies, conducted on industrial sites, warehouses and high-risk environments, Blaxtair detects pedestrians regardless of their posture.

With more than 25,000 systems installed, Blaxtair stands as the global leader in preventing collisions between machines and pedestrians, thanks to its cutting-edge, AI-driven detection technologies.



① Blaxtair alerts you only when a pedestrian is detected. No more unnecessary stops and alarms.

② Blaxtair cameras are easy to install thanks to their compact design. The screen can manage up to 4 cameras, depending on your needs or application.

A SIMPLE AND FAST IMPLEMENTATION PROCESS

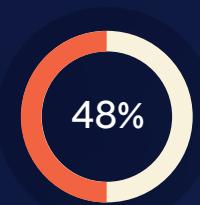
Partner with RMT and his Blaxtair Canadian certified distributor to unlock the full potential of Blaxtair technology. From enhanced safety to improved productivity, our certified experts deliver tailored support at every step to ensure a smooth and successful integration.



DID YOU KNOW?



MORE THAN **ONE IN TEN FORKLIFTS**
IS INVOLVED IN AN ACCIDENT EVERY YEAR
IN NORTH AMERICA.¹



NEARLY HALF OF FATAL **ACCIDENTS**
ON CONSTRUCTION SITES ARE CAUSED
BY MOVING VEHICLES.²



80% OF WORKPLACE INJURIES ARE LINKED
TO **HUMAN ERROR** OR RISKY BEHAVIOUR.³

- Lack of attention (operator focused on their task...)
- Pedestrians may also be inattentive and assume the operator can see them.
- Vehicle blind spots reduce the operator's field of vision.

SOLUTION

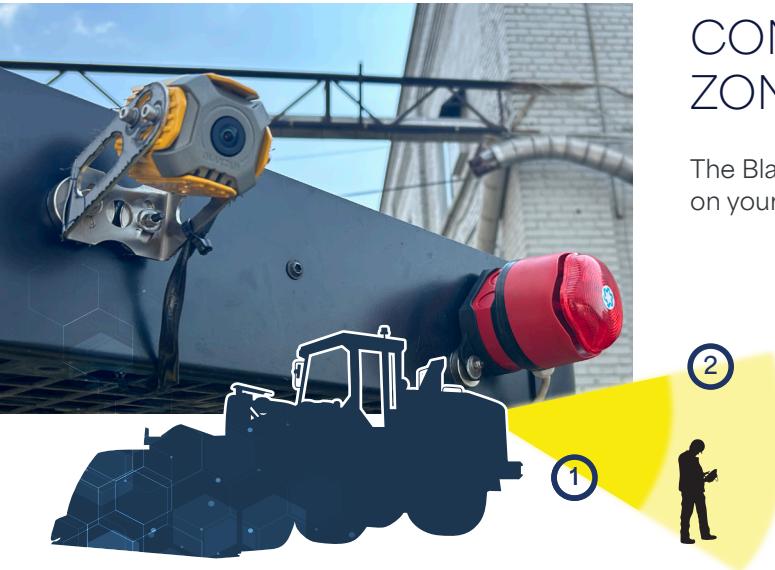
Blaxtair's advanced camera range is engineered to integrate seamlessly with virtually any industrial vehicle. Equipped with real-time pedestrian detection, the **system distinguishes people from obstacles using powerful AI-driven image-recognition technology**, keeping operators aware and environments safer. When connected to the Blaxtair Connect platform, the system goes even further, delivering alert tracking, risk analysis, and continuous safety improvements across your operations.



1- According to the Industrial Truck Association (ITA), about 11% of forklifts are involved in an accident each year in the United States, where there are approximately 855,900 forklifts. Source: OSHA - *Occupational Safety and Health Administration*

2- Source : *CDC / OSHA*

3- Source : *National Safety Council / Bureau of Labor Statistics*



CONFIGURABLE DETECTION ZONES FOR OPTIMAL SAFETY.

The Blaxtair system allows you to define protection distances based on your equipment, operational needs, and working environments:

Zone 1 (example: 3 metres)

Audible and visual alerts notify both the operator and the pedestrian of their presence.

Zone 2 (example : 1,5 metres)

If a pedestrian enters this critical, application-specific zone, the system can bring the machine to a complete stop.

BLAXTAIR®

Other brands

Detection technology	Uses artificial intelligence trained on industrial sites + monoscopic vision	Radar, ultrasound, RFID tags, low-resolution vision, non-industrial AI.
Detection zone	Pedestrians are detected based on the zones you create. Object detection with QR code.	Often very limited adjustments. No pedestrian detection (no distinction between object and human).
Pedestrian recognition	Ultra-precise real-time AI detection – standing, crouching, partially visible.	Frequent false positives. Detection of multiple objects distracts the operator.
Accuracy & reliability	99% pedestrian detection accuracy. The most advanced on the market.	Frequent alarms, sometimes unnecessary, causing operator fatigue.
Alarms & automatic slowdown	Visual alarms inside and outside the cab to alert both the pedestrian and the operator (beacon). Speed reduction function available when a pedestrian is detected.*	Often unavailable and difficult to configure. Requires multiple sensors and setups.
Installation and use	Quick installation. Automatic detection without operator intervention.	Product often complex. Low quality. Not suitable for industrial use.
Certifications and durability	IP6K9K, CE, FCC, ISO standards, resistant to extreme environments.	Often dependent on badges or equipment worn by pedestrians.
RFID Badge	Works without costly badges that are easy to misplace.	Outdated technology. Vulnerable to interference and false detections.

- QR code reading for identification / recognition of hazardous or fragile materials.
- Blaxtair Connect for real-time activity tracking.
- Photo capture of detections for documentation available.
- Real-time video recording of events available.

Blaxtair's exclusive:

THE BLAXTAIR CONNECT APP. YOUR SAFETY TEAMMATE.

Offered as an option on select configurations like the origin series, Blaxtair Connect is transforming the way industrial safety is managed. Its smart, connected platform empowers fleet managers and safety teams to monitor machine activity in real time, uncover collision risks, and take confident, data-driven action to elevate operator safety.

1 Blaxtair Origin gives you access to relevant metrics on pedestrian detections:

- Daily detection count
- Peak event times
- Machine operating hours
- GPS location of machines
- Location of hotspots
- Names of users/operators
- Preventive maintenance
- API access for automating recurring actions

2 Customizable checklist to complete at each start-up

3 Simplified configuration and updates thanks to an easy-to-use interface

1

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Customizable checklist to complete at each start-up

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Simplified configuration and updates thanks to an easy-to-use interface

BLAXTAIR IN ACTION

Discover how Blaxtair transforms and enhances industrial safety through artificial intelligence and connected tools. This section offers three concrete demonstrations of the technology in real-world situations.

How AI is revolutionizing safety



YouTube

The AI spotted the pedestrian in the image long before you did!

Blaxtair is the world leader in accuracy.

99% of pedestrians are detected, no matter their position.

The person on the right side of the image was detected in less than 100 milliseconds.millisecondes.

Scan QR code to see video

Checklist functionality



YouTube

Discover the integrated digital checklist in Blaxtair Connect, which allows operators to inspect their equipment before each use, strengthening risk prevention. This feature ensures your equipment operates properly and helps prevent costly repairs.

Scan QR code to see video

Case study



YouTube

See the camera in action and explore the full range of our system's capabilities.

Scan QR code to see video

YOUR
GOAL

**ZERO
ACCIDENT**

TECHNICAL SPECIFICATIONS



		BXT 5	BXT Origin	BXT Origin Checklist
CAMERA	Maximum Camera			
	Dimensions approx. Length x Width X Depth	9 x 8 x 7 cm (3.75 x 3.15 x 2.75 in)	9 x 7 x 7 cm (3.75 x 3 x 2.75 in)	9 x 7 x 7 cm (3.75 x 3 x 2.75 in)
SCREEN	Display Size/Type	7"	7"	7" Touch Screen
	Display Dimensions approx.	20 x 15 x 8 cm (9 x 6 x 3.25 in)	19 x 13 x 4 cm (8 x 5.25 x 1.25 in)	20 x 13 x 2 cm (8 x 5 x 1 in)
	Split-screen	●	●	●
	Display waterproof	●	●	●
SYSTEM	Configuration	Via Smartphone Blaxtair or Desktop App	via Mouse & LCD	via Mouse & LCD
INPUTS & OUTPUTS	Number of discrete inputs	1	2	2
	Number of discrete outputs	3	3	3
ARTIFICIAL INTELLIGENCE	Pedestrian detection & Vehicle detection	●	●	●
	Zoning for slowdown by QR Code	●	●	●
CONNECTIVITY	LTE connectivity (Dashboard)	●	●	●
	Checklist	●	●	●
	Access control (via pin code)	●	●	●
	GPS	●	●	●
ADD-ONS	Video Recording	250h* via SSD	5h*downloadable via USB Key	5h*downloadable via USB Key
	Flash Beacon	●	●	●
	Led Buzzer	●	●	●
	Voice Buzzer	●	●	●
	10" Display	●	●	●

* with optionnal configuration



A PARTNERSHIP BUILT ON TRUST, SAFETY, AND PERFORMANCE.

To support its expansion in North America, Blaxtair has chosen RMT as the official distributor and installer of its intelligent detection solutions.

In Quebec, RMT has the most experienced and best-trained team to help you enhance the safety of your operations.

A partnership built on shared values:

Worker safety

Accident prevention

Sustainable productivity

JOIN OUR DISTRIBUTION NETWORK

If you are a heavy-equipment distribution center, a manufacturer, or a dealer, we are always looking to expand our network across Canada and the United States in order to deliver added value to our customers.

Backed by nearly 30 years of experience in the industrial sector, RMT is a trusted leader in advanced vision and detection, onboard weighing, and air-filtration solutions tailored to industrial and mining operations.

Reach out to us to discover how our technologies can boost your productivity while protecting your workforce.

Learn more about RMT, visit our website or contact us at

1.877.663.4311



BLAXTAIR®

TRACKWEIGHT™

TRACKVISION™

ORLACO®

 **BMair**

 **SciTRONICS**

 **VEI**

Your Blaxtair distributor:



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