

BL INNOVARE

VEHICLE INSPECTION TECHNOLOGIES



InspectionONE

Vehicle Traffic

Today's Statistics **Vehicles 18**

NEVEREVER
2015 AUDI S4

FL Lane
Aug 6, 2024 15:08

THURSDAY2
2022 ACURA ILX

FL Lane
Aug 8, 2024 09:35

SUNDAY2
2014 AUDI S4

FL Lane
Aug 6, 2024 15:08

CAMX641
2015 AUDI S4

FL Lane
Aug 6, 2024 15:08

THURSDAY1
2022 ACURA ILX

FL Lane
Aug 8, 2024 09:35

BL INNOVARE

2136 Sunset Blvd, West Columbia, SC 29169

Service Advisor
Rob Greene
(803) 555-1212

Service Hours:
M - 7:30 am to 6:00 pm
T - 7:30 am to 6:00 pm
W - 7:30 am to 6:00 pm
Th - 7:30 am to 6:00 pm
F - 7:30 am to 6:00 pm
Sa - 7:30 am to 6:00 pm

Inspection Lane Results

FASTLIGN
TOUCHLESS ALIGNMENT CHECK

Passed Inspection

2023 BMW 1-Series
Plate: 4EVRNEVR
VIN: YVIMS382262170404
Last Scan: 4/14/2024 12:42:00

BODYGUARD
VEHICLE DAMAGE DEFENDER

As part of the complimentary inspection we have recorded the detailed condition of your vehicle.

VIEW MY CAR

WHAT DOES THIS MEAN?

PRODUCT CATALOG

LEADERS IN Drive Thru Inspection Technologies



BL Innovare founded in 2004, began by creating solutions for mandated vehicle safety and emissions inspections, providing innovative software and hardware for both centralized and decentralized stations. Our dedication to meeting industry needs led to the development of FASTLIGN, an unprecedented product ensuring precise vehicle alignment during drive through roadside safety inspections.

20 years and counting, thousands of customers continue to trust our safety and emissions inspection products, we've expanded far beyond our origins. Today, we are leaders in touchless drive-thru inspection lane technologies, applying our expertise in imaging, laser technology, AI, and computer vision systems to revolutionize the vehicle inspection industry.

BL Innovare is committed to developing disruptive technologies that transform static thinking into dynamic reality. Our focus on innovation and customer-centric solutions has set new standards in touchless vehicle inspections, enhancing the inspection experience across various industries.



Custom designed, 3,000 inspection stations installed in 3-months

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INSPECTION LANE



Automated Inspections

Integrated hardware and software perform touchless inspections with lasers, cameras, and sensors, delivering precise measurements on a moving vehicle



Data-Driven Insights

Captures detailed data and images, offering concrete insights to boost revenue, cut costs, identify anomalies, and improve customer engagement



Scalable and Flexible

Integrates into various environments, from dealerships to rental car operations, allowing customers to define the optimal lane setup to fit their needs



Innovative Value-Driven Design

Leverages advanced technology to deliver unmatched value that meets your needs without compromise

Global Reach and Reliability



Trusted worldwide and backed by top-tier distribution partners and a collaborative team





Inspection Lane at a Glance



20 years experience in developing inspection lane technologies



Original inventors of drive through touchless inspection technology



18 million vehicle inspections conducted globally

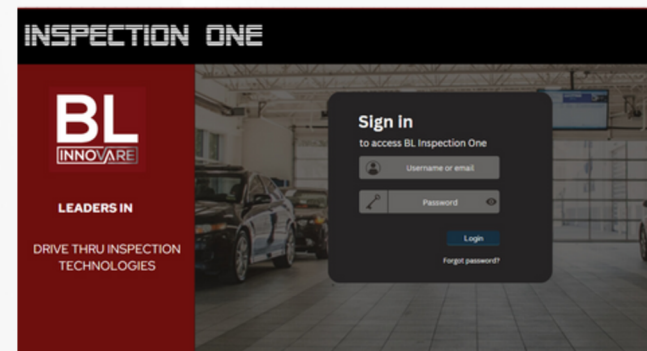


Installations in 18 countries

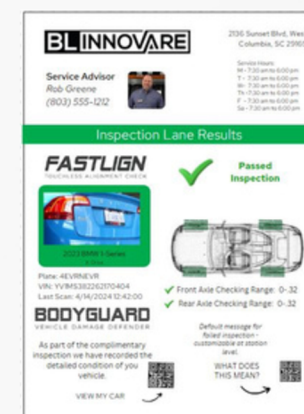
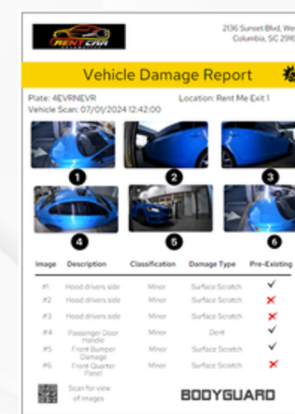
INSPECTION ONE

Experience Simplicity and Efficiency

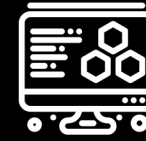
Inspection ONE is our unified software platform centralizing your inspection lane data. Built to global standards, it supports multiple languages and meets top privacy regulations, ensuring your data is secure



- ✓ Enhanced user experience
- ✓ Customizable to your workshop
- ✓ Flexible interface for workshop integration

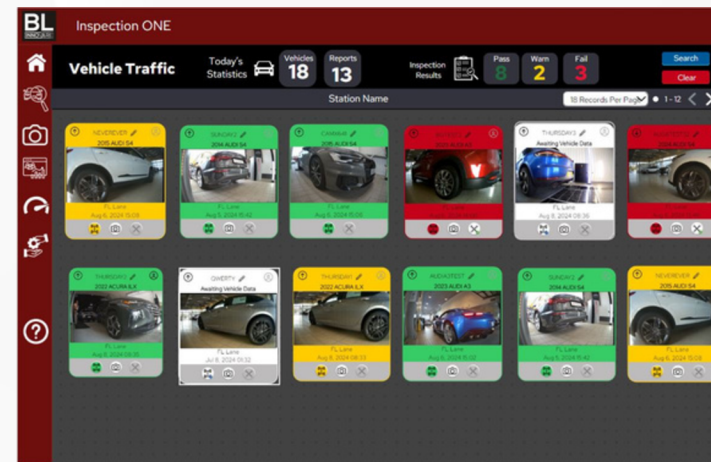


Reports can be printed or shared electronically with the customer



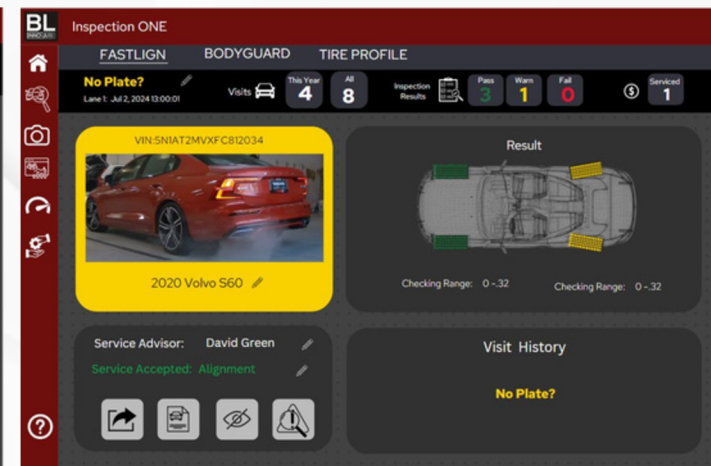
Inspection ONE empowers your Business

Tools that provide actionable insights, helping you make informed decisions and boost sales through detailed user reports



Vehicle Traffic identifies vehicles with service opportunities

INSIGHT HUB presents an overview of: lane traffic, inspection opportunities, and people performance.



Inspection results presented to the advisor

FASTLIGN

BL Innovare invented and patented precision laser based drive lane inspection technology over a decade ago. Our innovation was ahead of its time and revolutionary to earn worldwide patents

FASTLIGN is engineered to provide accurate, rapid GO-NO GO suspension and alignment verification for traffic entering your drive-thru lanes



Identify Safety Issues and Service Opportunities in *three seconds*



No Stopping - Touchless Drive Thru



Full Automated Vehicle Identification⁺



Supports bi directional traffic



Best Value Proposition in the Market Today

⁺Subject to local availability & regulations



First Commercial Release in 2014

Fast forward 10 years
Our 3rd generation



Powerful features from the inventors of touchless drive-thru inspection technologies

Integrated patterned light panels illuminate when a vehicle is detected and cameras are recording

Lights for Visual Cue of Lane Status

- Measurement obtained
- System offline
- Vehicle approaching
- Reading vehicle
- Online

Integrated License Plate Camera

High Precision Lasers - Same lasers used in critical aerospace manufacturing applications

Easy access service panel

Sleek design for tight spaces

Premium powder coating to help prevent corrosion and rust

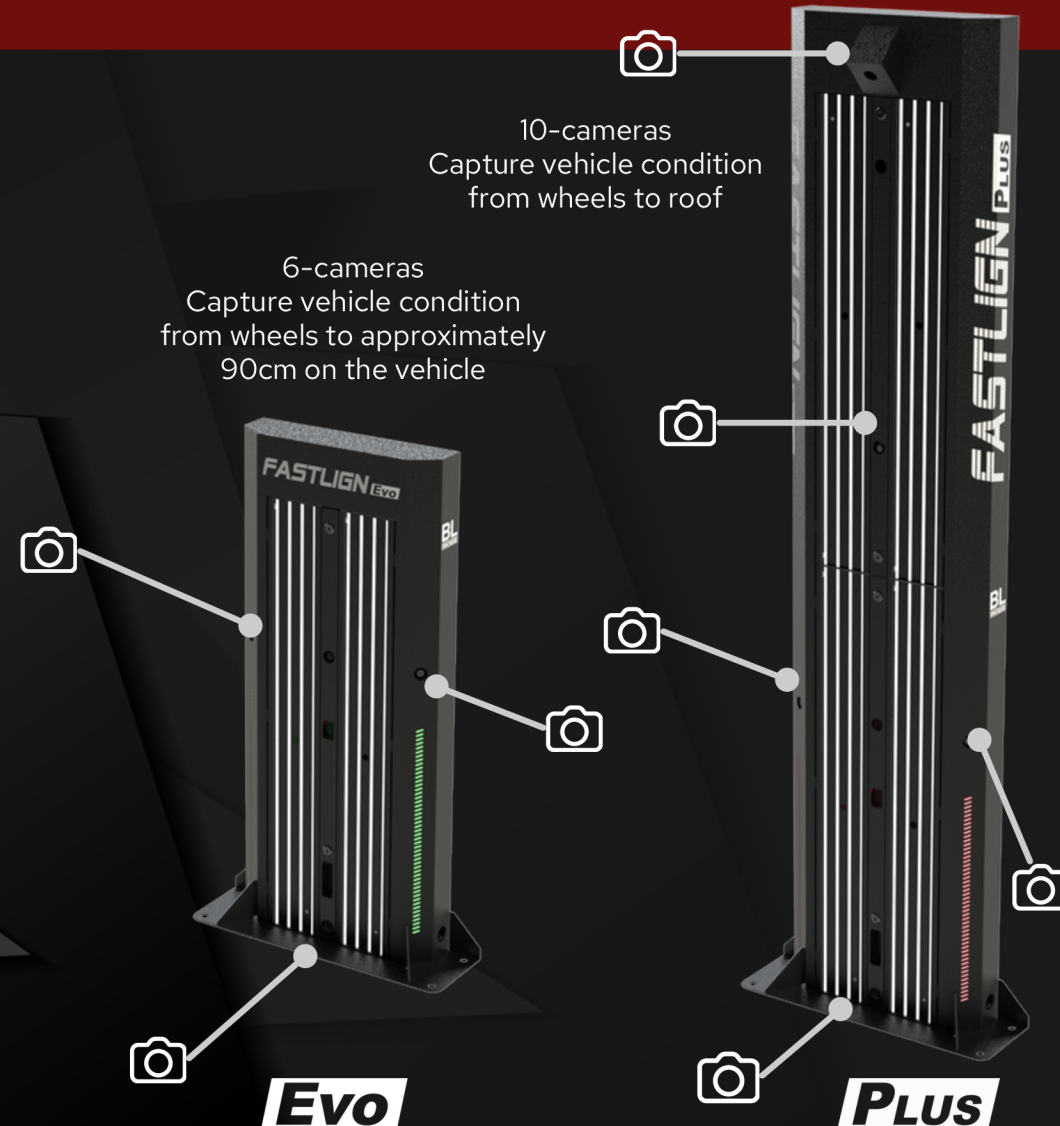
Built-in cable management



We have taken the same technology that powers our stand-alone BODYGUARD product and included it in our FASTLIGN system**

- ✓ Integrated lighting - turns on as vehicle is approaching
- ✓ Patterned lighting technology to easily highlight vehicle damage
- ✓ Strategically placed cameras to capture wheel damage & tire information

** Body scan feature can be turned off in the EVO version

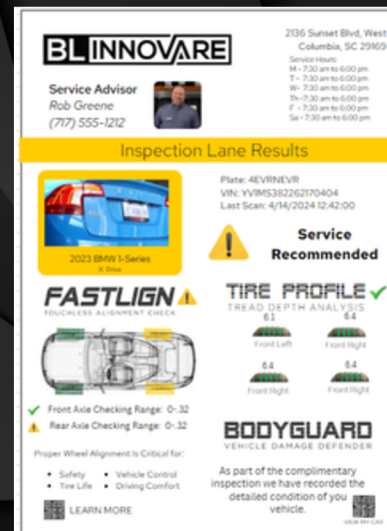
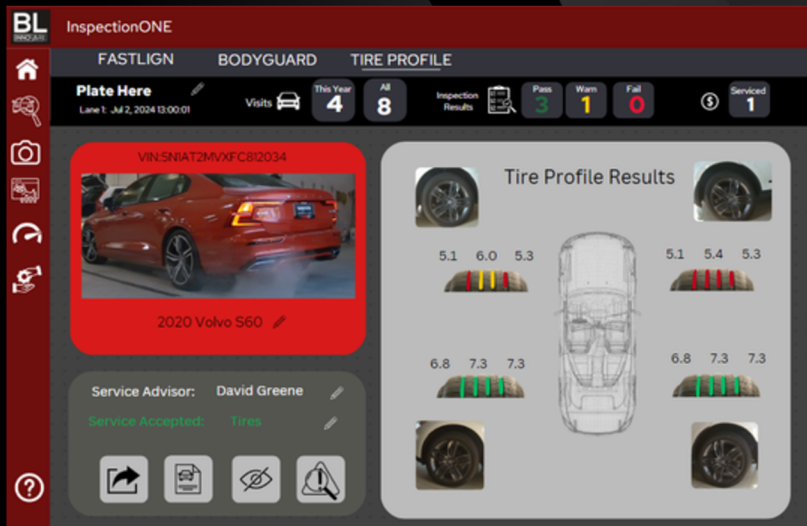




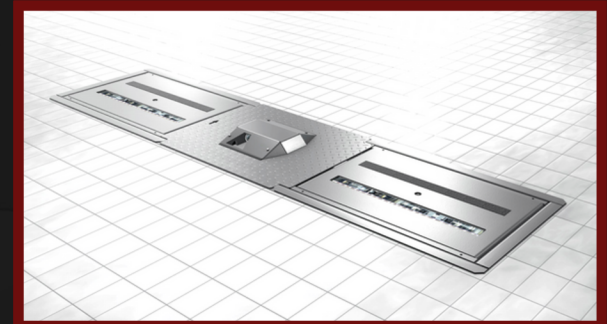
Optional Tread Reader Integration

Looking to drive tire sales?

Seamless integration with your preferred tread reader for a combined inspection lane view




Single Integrated Report





Looking for integration with a different tread reader product? Reach out to our team for integration options.


Tower Placement Requirements


- ✓ Flat Surface
- ✓ Straight Drive for Vehicle (No Turning)
- ✓ Located out of direct sunlight

 **Tower Spacing**
2.7 - 3.0m

 **Operating Temperature**
-10°C to 50°C

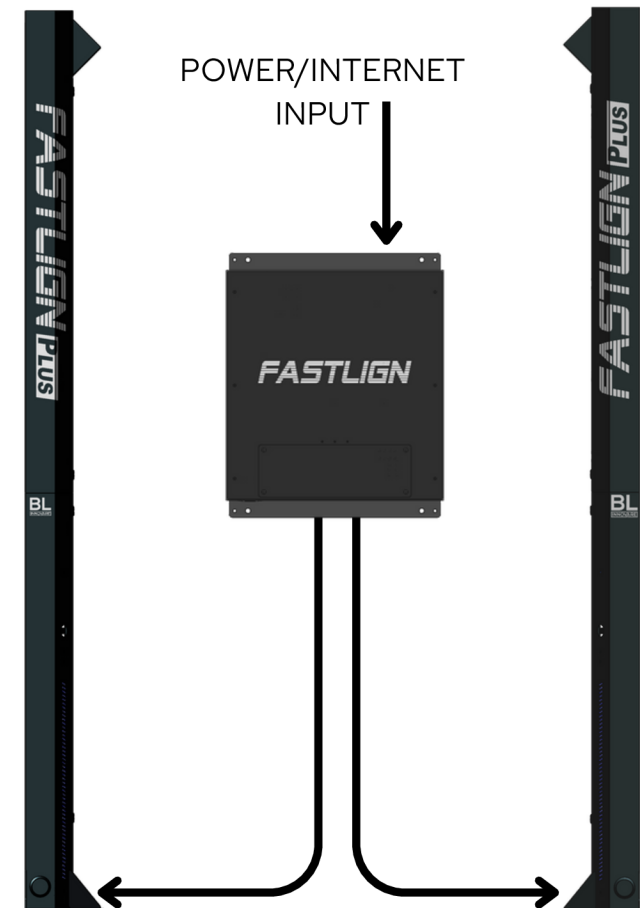
 **Power Input & Draw**
120-240VAC , 300 watts

 **Vehicle Speed**
3-5km / hr

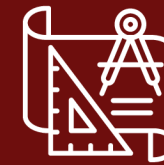
 **Cable Requirements**
1 - 16 AWG 2-Conductor copper
1 - Cat6 server box to each tower

 **Internet Requirements**
15 Mbps Upload (wired connection)⁺

⁺ Can vary depending on options & traffic volume



Maximum cable distance between
server box and towers is 25m



Front View
Dimensions in mm



FASTLIGN PLUS

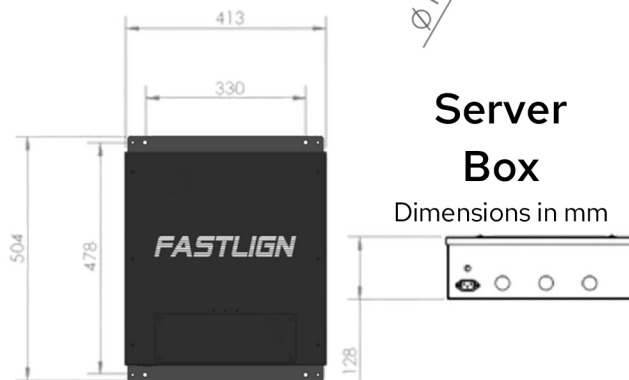
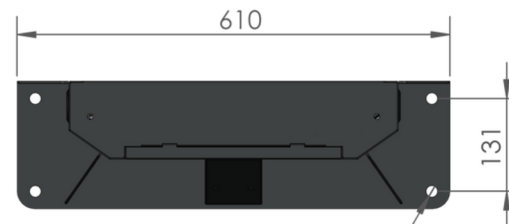
Side View
Dimensions in mm



Same Dimensions for
PLUS & EVO Versions

Bottom View

Dimensions in mm



**Server
Box**

Dimensions in mm

**Front
View**

Dimensions in mm

Side View

Dimensions in mm

Front View

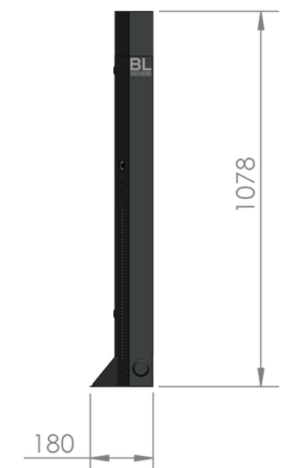
Dimensions in mm



FASTLIGN Evo

Side View

Dimensions in mm



BODYGUARD

Capture Pre-existing Damage

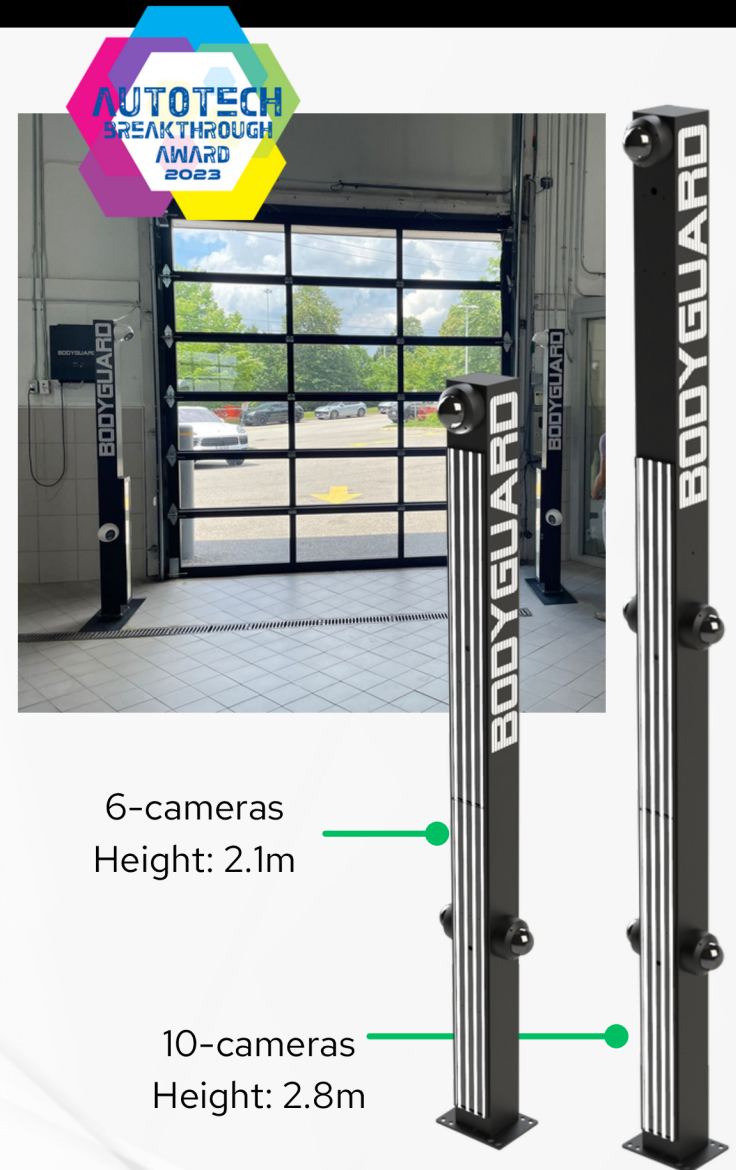
- ✓ 360-Degree Coverage: 6 or 10 camera angles
- ✓ Integrated lighting ensures quality imaging
- ✓ Works on dirty, wet vehicles under all conditions

User-Friendly, High-Quality Images

- ✓ Automatic license plate tagging - simplifies access
- ✓ Tuned to capture detail on moving vehicles
- ✓ Consistent, accurate documentation every time

Seamless Integration

- ✓ Fully automatic - no workflow disruption
- ✓ Boost efficiency during busy intake time
- ✓ Free your staff for customer engagement





Award winning, stand-alone
vehicle body scan technology



Outdoor Installations



Vehicle Manufacturing



Carwash Entry/Exit Lanes



Fleet Installations



Dealerships




Service Garages

BODYGUARD

Technical Requirements


- ✓ Installed at entrance or exit locations
- ✓ Works with bi-directional traffic
- ✓ Indoor or Outdoor


 **Tower Spacing**
3.0 - 5.0 m

 **Operating Temperature**
-30°C to 50°C

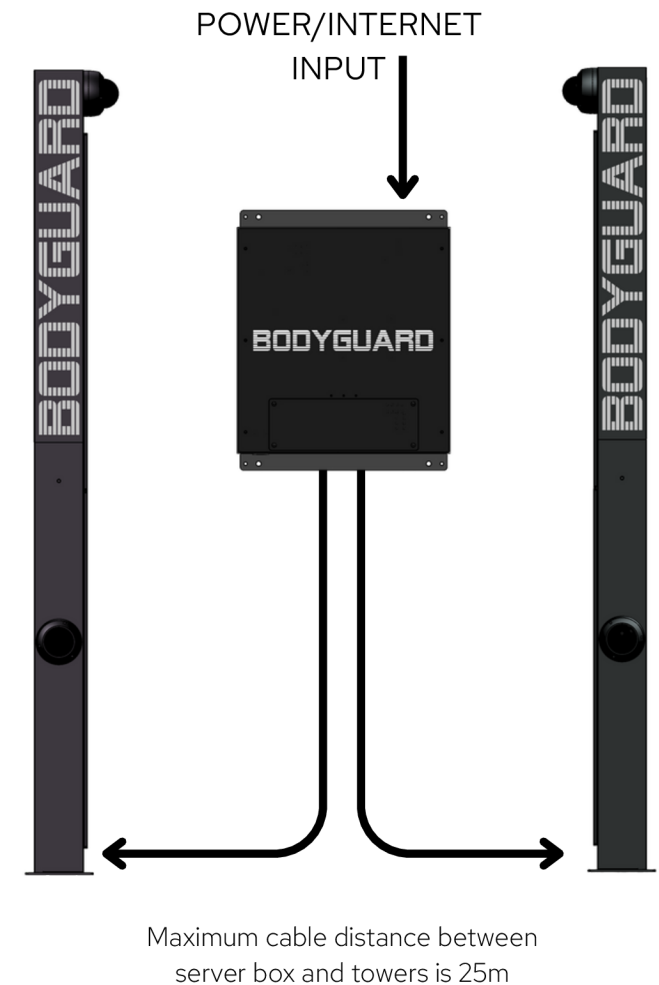
 **Internet Requirements**
15 Mbps Upload (wired connection)[†]

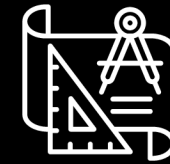
 **Power Input & Draw**
120-240VAC , 300 watts

 **Outdoor Cable Requirements**
1 -16 AWG 2-Conductor copper
4 - Cat6 - server box to each tower*
* 6 for Tall version

 **Indoor Cable Requirements**
1 -16 AWG 2-Conductor copper
1 - Cat6 server box to each tower

[†] Based on 100 vehicles / day average

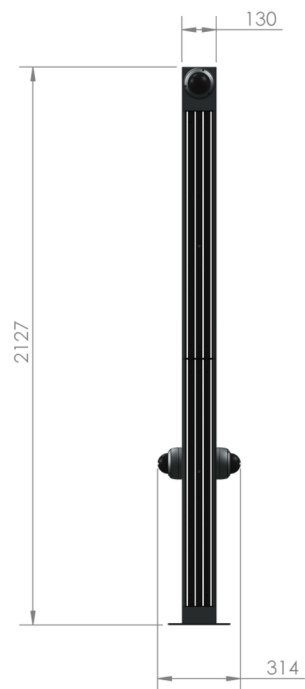




Technical Drawings

Front View

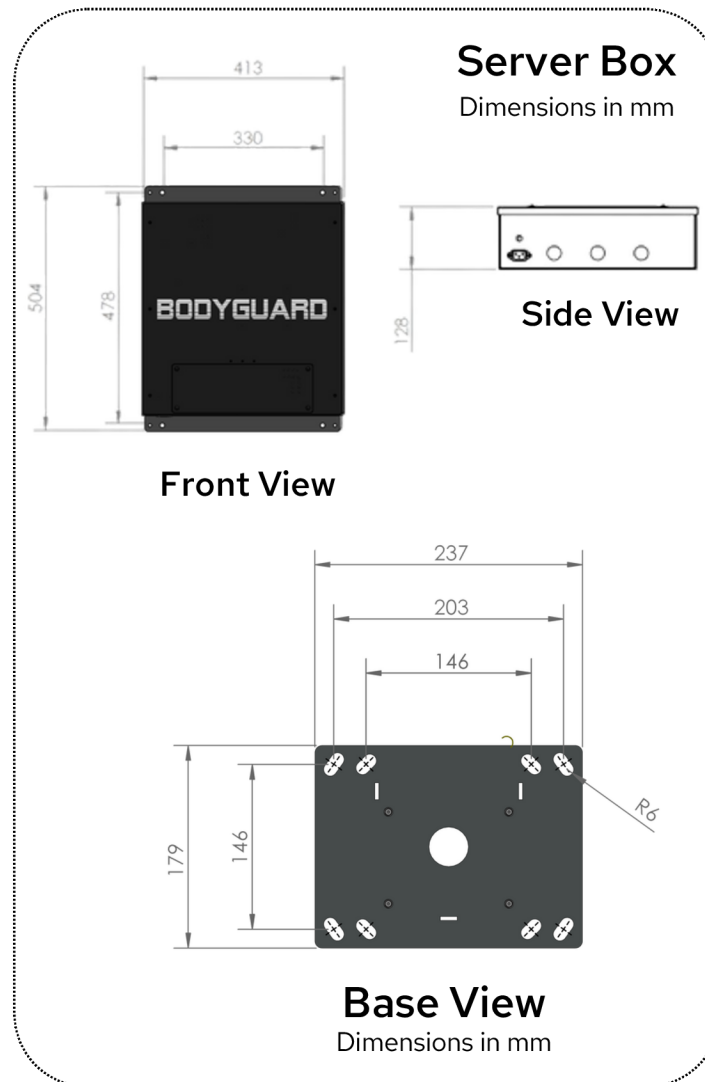
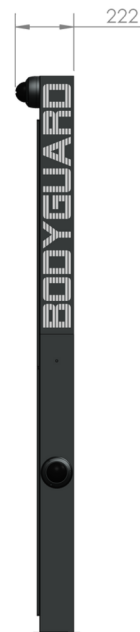
Dimensions in mm



BODYGUARD
height (2.1m)

Side View

Dimensions in mm



Server Box

Dimensions in mm

Side View

Front View

Base View

Dimensions in mm

Front View

Dimensions in mm



BODYGUARD Tall
height (2.8m)

Side View

Dimensions in mm

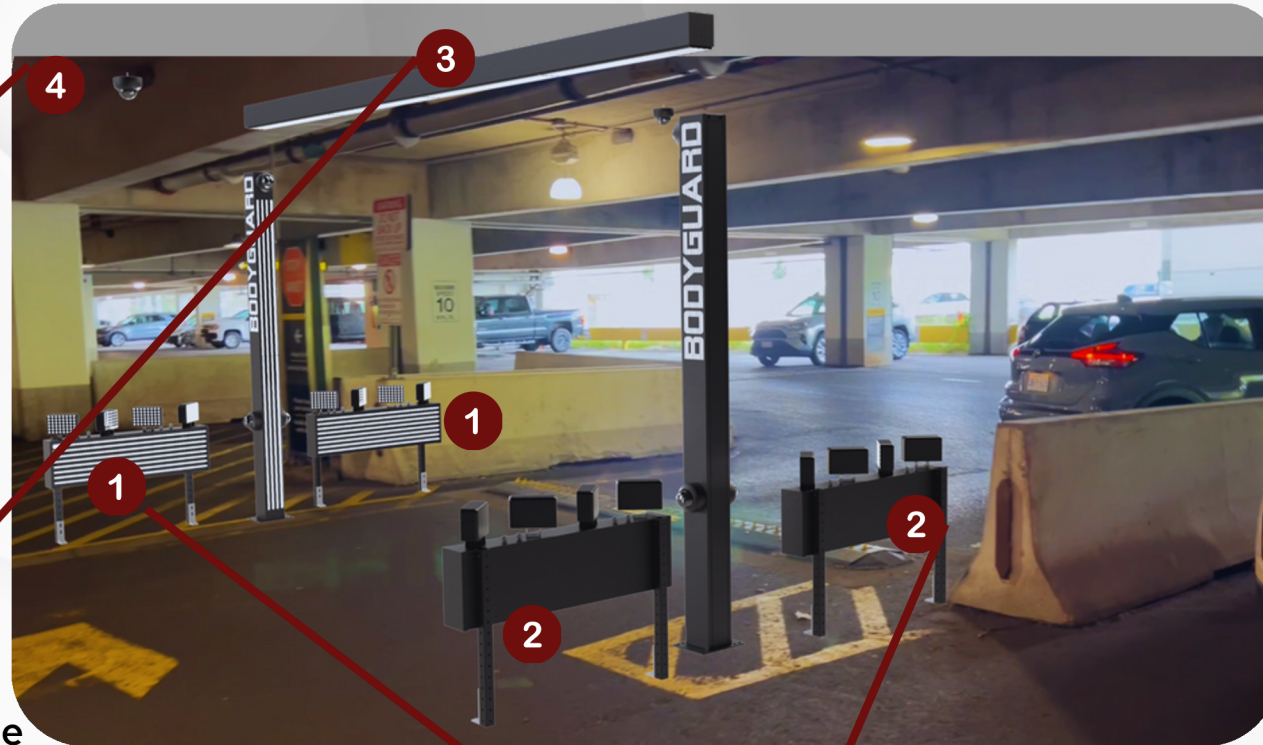


BODYGUARD



Supplemental Light &
Camera Options

**Configuration:
BODYGUARD 2.1m**



2x Overhead Cameras

- Flexible mount location
- Power from towers
- Included with Overhead Lighting Module

Overhead Lighting Module

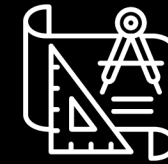
- Power from towers
- Lights triggered on/off by towers

Provides enhanced damage identification on the roof - including difficult to detect hail damage

2x Side lighting (1 & 2)

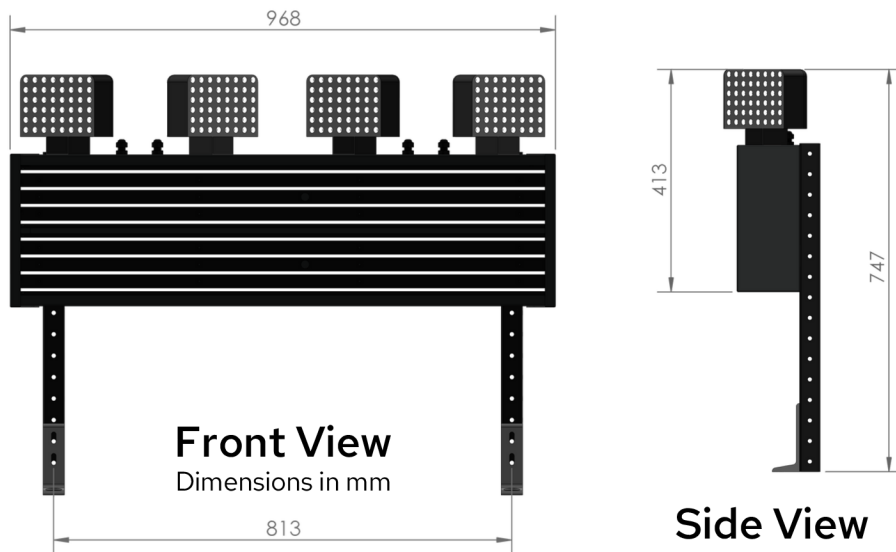
- Option: 2 or 4 additional stripe light modules
- Power from towers (cables along ground)
- Lights triggered on/off by towers

Provides enhanced damage identification on front & rear bumpers



Side Lighting Module

Each pair of lights adds 60,000 lumens



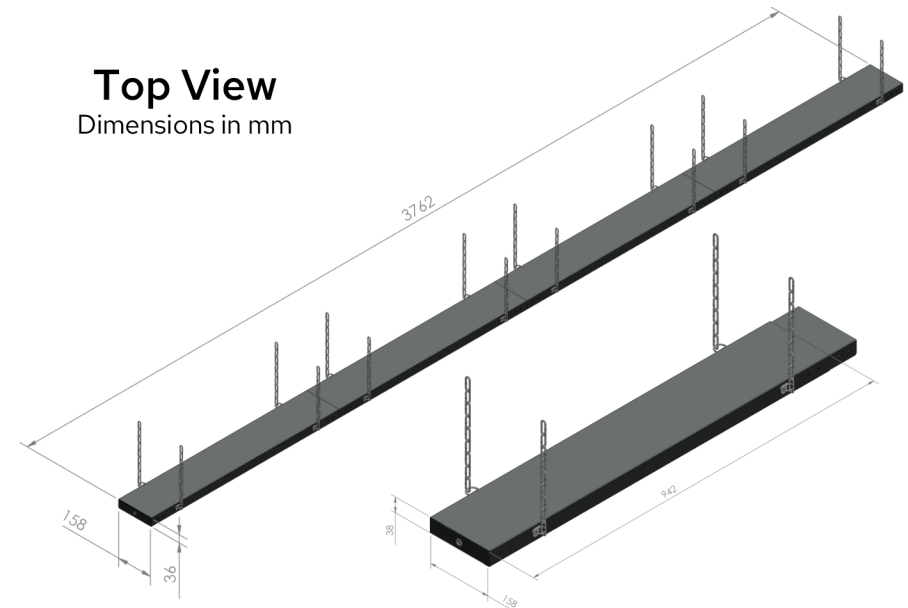
Overhead Lighting Module

Provides double light intensity above the
BODYGUARD towers

Includes: 2 additional ceiling mounted cameras

Top View

Dimensions in mm



- Additional overhead dome cameras recommended to be installed no higher than 90cm above maximum traffic height
- Universal extension mounts can be used for non-flush mounting locations

Car Rental Operations

Configuration: BODYGUARD Outdoor 2.8m



Dual exit lane:
Towers mounted on
bollard after gate



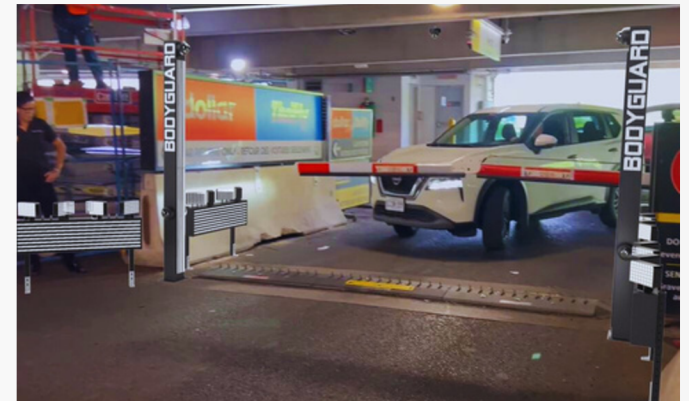
Outdoor entry lane: A speed bump
has been added to reduce traffic
speed. Vehicles should travel at or
below 10km/h to ensure best quality
recording



Our Vision

Consistent vehicle body capture
in any condition with automated
damage report in 90 seconds

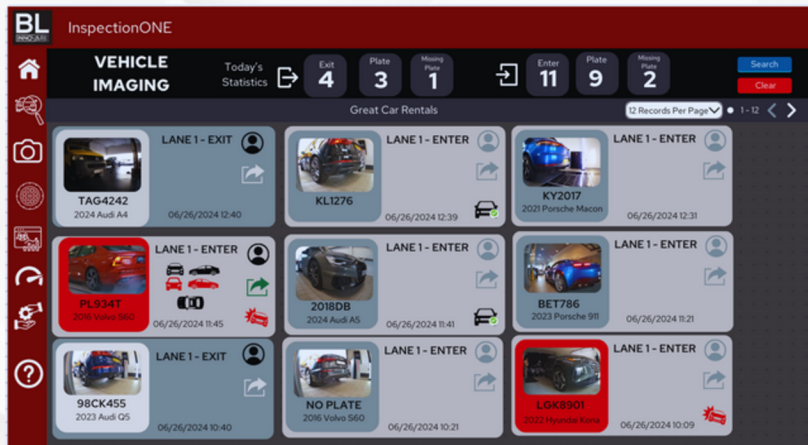
Configuration: BODYGUARD 2.1m



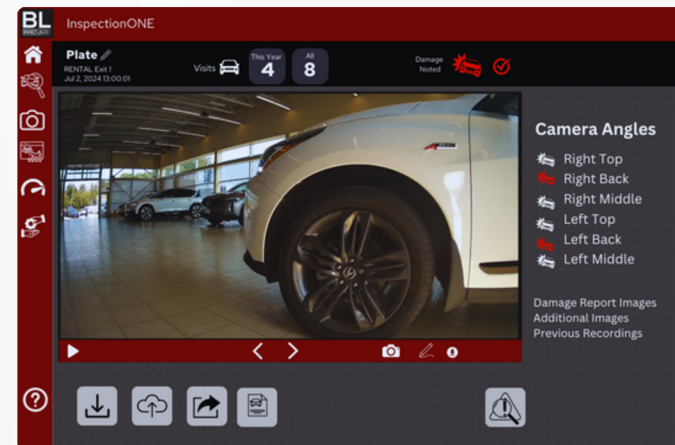
Indoor vehicle return lane
Overhead and supplemental lighting.



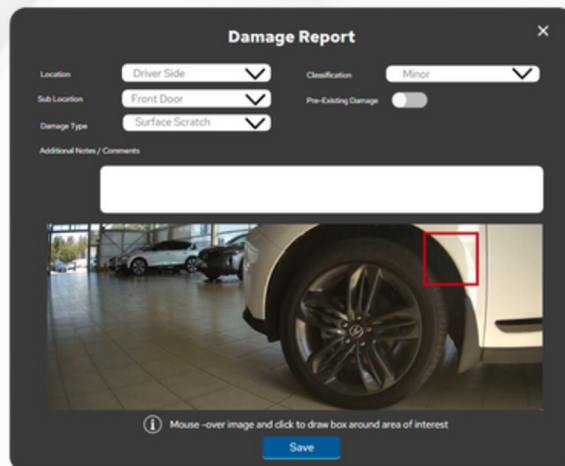
Inspection ONE Portal for Rental Car Operations



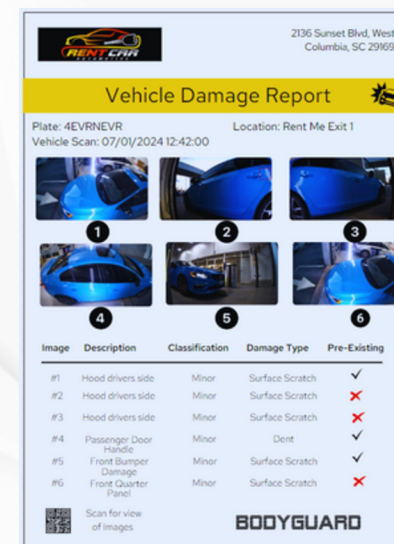
Our Inspection ONE portal allows you to view car rental traffic. Inbound and Outbound traffic is easily distinguishable by color



Vehicle body condition is easily viewable from different camera angles



Damages can be easily annotated to be included as part of a vehicle damage report

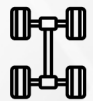


Damage report and images can be shared with the customers, or integrated into your existing systems

Vehicle Dealerships & Workshops



We have been servicing the dealership & workspace space since 2004. Driving service revenue through inspection technologies. Our Inspection ONE software portal provides a central location to monitor your inspection lane activity.



Alignment Check

- ✓ Simple "Go-No Go" indicator
- ✓ Increases service sales revenue
- ✓ Identifies alignment or suspension related issues



Vehicle Body Scan

- ✓ Save time on vehicle check-in
- ✓ Consistent vehicle documentation
- ✓ Historical comparisons
- ✓ Sales opportunity for body repair service
- ✓ Defend damage accusations with data
- ✓ Quality imaging for vehicle appraisals



Tire Profile

- ✓ Measure vehicle tread depth
- ✓ Increase tire sales
- ✓ Tire rotation



Carwash Operations



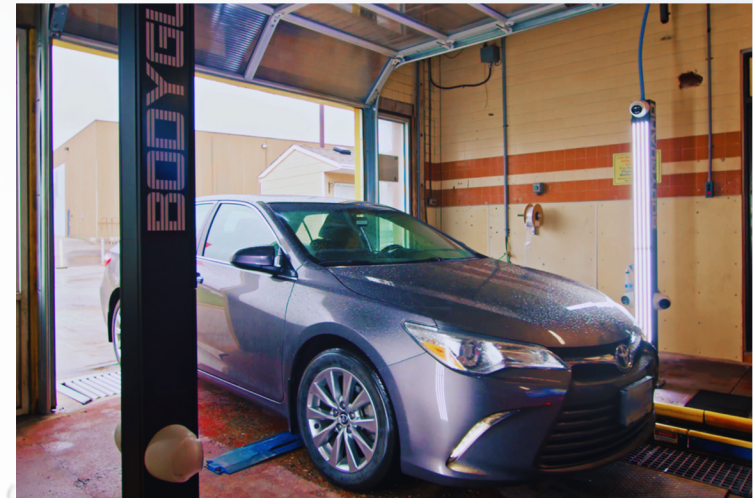
Car wash operations are often inundated with claims due to the nature of their equipment and high daily traffic count

BODYGUARD Carwash is specifically designed for this environment, automatically capturing high-frequency traffic, so your staff can focus on other priorities

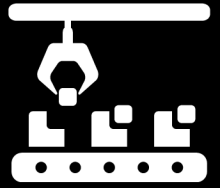
Claims are easily reviewed and resolved, eliminating the finger-pointing and drama when incidents occur



- ✓ Install at entry and exit for total protection
- ✓ Vehicles are tagged by plate for easy retrieval
- ✓ Supplemental lighting for dark tunnel wash systems



Manufacturing

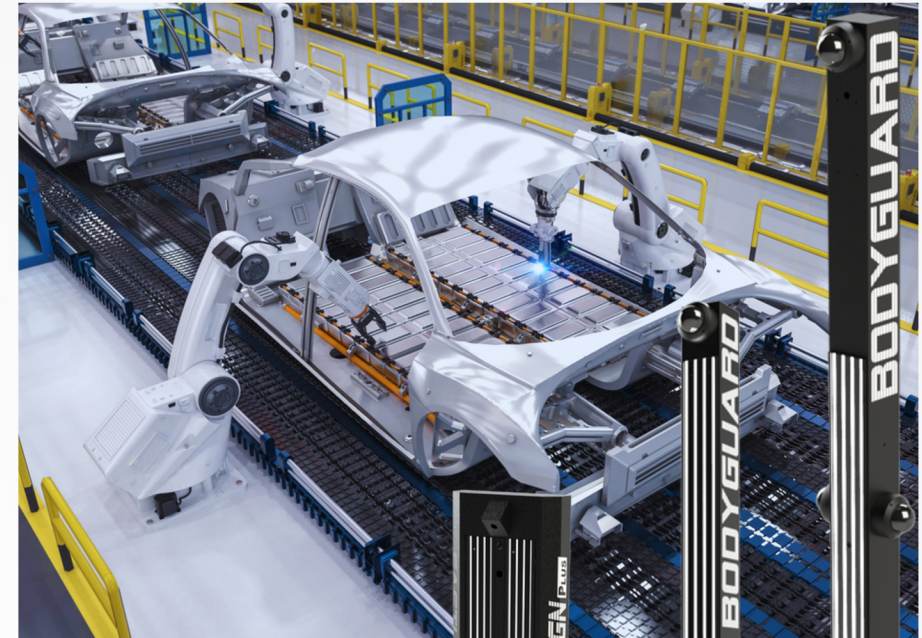


As an engineering company we understand the specific needs of vehicle manufacturers during end of line inspections

When production volumes reach hundreds of thousands, maintaining a consistent and reliable process is crucial

BL Innovare partners with global manufacturers, providing advanced systems that capture and store data from both intermediate and end-of-line inspections. This ensures a flawless delivery and provides verifiable proof of quality for their customers

- ✓ Standard and custom solutions
- ✓ Data labelling and barcode tagging for sequential unit production tracking
- ✓ Supplemental lighting and additional camera options for enhanced imaging
- ✓ Alignment and critical measurement verification
- ✓ Smart sensing technology prevents duplicate and missing records



Fleet Management



Consistently capturing and managing fleet condition is a significant challenge. With varying drivers, identical-looking vehicles, and round-the-clock operations in all weather conditions, documentation often becomes inconsistent and unreliable

BL Innovare's engineers developed its award-winning BODYGUARD to excel in these tough environments, ensuring reliable documentation and precise condition tracking for fleet operators

- ✓ License plate tagging for automated vehicle capture
- ✓ Smart sensing technology prevents duplicate and missing records
- ✓ Supplemental lighting and camera options for enhanced imaging
- ✓ Standard and custom solutions



Service and Support

Meet our Key Team Members

Alexander Colbin

VP Sales & Marketing Europe



Jennifer Dewar

*After Sales & Installation Support
Operations*



Victoria Brunton

Account Management



At BL Innovare, we believe that an exceptional experience is the foundation of lasting partnerships. Our dedicated support team is here to ensure that your interaction with our products is seamless and stress-free. From initial setup to ongoing maintenance, we're with you every step of the way

We pride ourselves on offering global support and 24/7 monitoring, ensuring that your operations run smoothly at all times. Our knowledgeable technicians are always ready to provide quick resolutions and expert guidance, so you can focus on what matters most—growing your business

With BL Innovare, you're gaining a trusted partner committed to your success.

A Winning Team of Professionals Behind Every Product



Dedicated Account Managers



Expert Technical Assistance



Global Remote Support
Network



Real-Time Diagnostics and Trouble
Shooting





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2024.09.01