



Solutions for Airport Logistics

Baggage Handling Systems

 **MURR**
ELEKTRONIK
stay connected

ABOUT US

stay connected

Murrelektronik is a family owned, internationally operating, automation technology company. We have more than 3000 specialists in 50 countries working on economical and efficient electrical connections for plants and machines. We connect all electrical assemblies (signals, data and power supplies) with customized systems.

Our holistic approach to solutions increases our customers' competitiveness. We help them to achieve this through decentralization - moving the assemblies out of the control cabinet and close to the process. We help our customers to make the digital transformation in their facilities with innovative technologies for Industry 4.0, network installations, safety technology solutions, highly efficient IO-Link based concepts and powerful power solutions.

We strive to create lasting connections both technically and personally.



Murrelektronik GmbH
Falkenstraße 3
71570 Oppenweiler
Germany
P: +49 7191 47-0

Murrelektronik, Inc.
1327 Northbrook Parkway, Suite 460
Suwanee, GA 30024
P: 770-497-9292

Murrelektronik is a proud member of the following airport logistics industry associations:



Find us online!





BAGGAGE HANDLING SYSTEMS (BHS)

With products and solutions benefiting customers for decades in automotive, material handling, outdoor mobile, packaging, and other industries, *Murrelektronik industrial automation solutions add significant value to baggage handling systems and other airport logistics systems.* Whether you're replacing outdated systems or expanding with new equipment, we will provide you with connectivity solutions to meet your unique airport requirements.

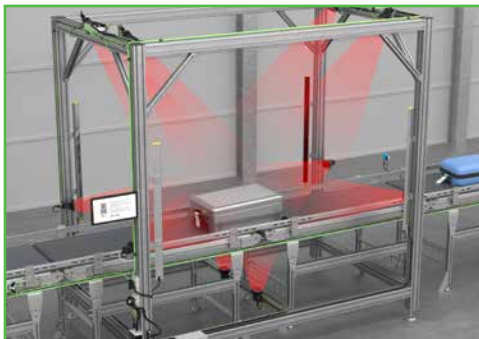
Quality, durability, and interoperability are at the forefront of our solutions. From power supplies and electronic circuit protection to market-leading connectivity and IO solutions, Murrelektronik has your controls component needs covered.



Passenger Service Systems

From discrete wiring to simplified IO connectivity, Murrelektronik can speed up your installation time and increase cost savings within Bag Drop stations, self-bag drop kiosks, automated security lanes and more.

Continued on page 4



Scan Tunnels

Murrelektronik understands the importance of accuracy and throughput when it comes to ATR systems. Save space, installation time, and money using Murrelektronik vision solutions. Plug and play components designed for camera interoperability make for smooth integration.

Continued on page 5



Storage, Sortation and Conveyance

Innovation in BHS has expanded to offerings of cross-belt sorters, early bag storage systems (EBS), individual carrier systems (ICS), and many other sortation and conveyor systems. Regardless of the automated system used, Murrelektronik provides the connectivity and controls components to optimize system installation and functionality.

Continued on page 6



PASSENGER SERVICE SYSTEMS

Travelers need simplistic, robust interfaces when interacting with passenger service systems. *Whether it's a self-bag drop station, check-in kiosk, or a security checkpoint, Murrelektronik will support the automation of your system.* Murrelektronik solutions help save cabinet space and installation time all while driving innovation and optimized diagnostics.



Power Solutions

- Redundancy capabilities
- Meets NEC Class2 requirements
- Liquid tight connections and housing for distributed mounting



Electronic Circuit Protection

- Plug and play modular design
- “As early as necessary, as late as possible” breaker protection
- Simple diagnostics
- Remote reset capability



IO Solutions

- IP67 Rated allowing for reduction of cabinet size
- Simplified diagnostics
- IO-Link capabilities



Connectivity

- Customizable, field-wireable options
- ISO Certified
- US-based manufacturing





SCAN TUNNELS

Scan tunnels within baggage handling systems require reliability and accuracy. Each vision system component plays a critical role and the quality of connections is extremely important. Murrelektronik's vision solutions were uniquely developed to optimize this specific application, allowing for the *reduction in overall cost and simplification of wiring concepts*. These solutions seamlessly integrate with vision components to allow all data and signals to be transferred with the most simplistic design.



Distributed IO & Power

- Combined Gigabit Ethernet, IO
- Eliminate costly cabinets
- Significant reduction in wiring and components
- Reduce installation time



NEC Class 2 Splitter

- Meets industry requirements
- Great for external lights
- Four A-coded ports with NEC Class 2 circuits
- IP67 Housing



Master Breakout Box and Injection Box

- Trigger/encoder signals simplified in one box
- Reduce installation cables



STORAGE, SORTATION & CONVEYANCE

The transfer of bags in an airport must be efficient, reliable, and secure. The customer experience depends on traceable data that ensures baggage makes it on time and to the correct location. *Murrelektronik components within automated storage, sortation, and conveyance systems make up the differentiating factors of the effective and reliable bag journey.*



IO Solutions

- IP67 Rated allowing for reduction of cabinet size
- Simplified diagnostics
- IO-Link capabilities



Stack Lights

- Customizable
- IO-Link capabilities
- Quick connect/disconnect design



IP67 Power Supply

- Redundancy capabilities
- Meets NEC Class2 requirements
- Liquid tight connections and housing for distributed mounting



M12 L-code

- Customizable, field-wireable options
- ISO Certified
- US-based manufacturing





SECURE DIGITALIZATION & DATA TRANSFORMATION

Data transfer can have a significant impact on the capabilities of a baggage handling system and can influence the prevention of issues like lost luggage. It enables real-time monitoring, communication between components, efficient routing and sorting of baggage, predictive maintenance, security measures, passenger information, and data analysis, all of which contribute to the system's overall capabilities and reliability.



Managed Switches

- Combined Gigabit Ethernet, IO
- Eliminate costly cabinets
- Significant reduction in wiring and components
- Reduce installation time



Unmanaged Switches

- Reduce cabinet size
- Gigabit capable
- Secured data transmission



GROUND SUPPORT EQUIPMENT



Murrelektronik delivers solutions beyond baggage handling systems. Our Data Panel division solves design and efficiency challenges for ground support equipment (GSE) applications and pushes innovation in the outdoor mobile industry.



xtremeDB

- Simplified wiring harness
- Durable for GSE environments
- Quick connect/disconnect
- Fast and simple diagnostics





1327 Northbrook Parkway, Suite 460
Suwanee, GA 30024
P: 770-497-9292 | F: 770-497-9391

murrinc.com