



Alvin RFID Portal Solution

Low-cost and plug-and-play solution for high-end doorway, access gate and conveyor line Radio Frequency Identification (RFID) portals



Developing, installing and maintaining an RFID portal is costly and requires extensive hardware and software integration.

Alvin Systems offers a pre-assembled and plug-and-play RFID portal controller solution, enabling you to set up a fully equipped high-end RFID portal within minutes.

Alvin RFID Portal Controller- with its integrated visual/audible alerts, sensor-controlled operations and custom I/O integration capabilities with external devices – offers a low-cost, robust and versatile solution for numerous enterprise requirement and RFID portal designs, such as, door way/dock door portals, conveyor line portals, vehicle identification/access control gates, custom production line portals, etc.

Alvin RFID Portal Controller is a flexible and customizable solution that incorporates a UHF Gen2 or long-range active reader, electronics, signaling equipment, motion sensors, cabling, power source and optional features such as a Windows based embedded I/O controller, all consolidated in a rugged compact box.



Coupled with *Alvin Device Management and Electronic Product Code (EPC) Software Platform* or with custom-tailored vertical RFID solutions from Alvin Systems, you benefit from a complete software-hardware solution that enables you to;

- Track objects, products, reusable cases, cargo and assets in open or closed-loop systems
- Seamlessly integrate RFID into your existing business application and hardware systems
- Meet customer mandates and become EPCGlobal compliant
- Increase automation, reduce manual processes

Features:

- I/O controller capabilities with custom devices and PLCs
- UHF or Long-range Battery Assisted Readers
- Configurable visual and audible indicators
- Photoelectric motion sensors
- Configurable relays and embedded power source
- Rugged Case (IP65)
- Cooling fan (Optional)
- Embedded Windows CE I/O controller computer for custom software and I/O operations (Optional)
- Wireless Access Module (Optional)



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