

The MOINSA logo, featuring a stylized 'M' icon followed by the word 'MOINSA' in a bold, sans-serif font.

Box Controller

It connects any ERP or WMS with any RFID reader, thanks to MOINSA's **Box Controller**.

It efficiently and centrally manages information from reading points to the client's systems.



Main Advantages

- **Multi-brand Interoperability:** Compatible with RFID readers from leading brands (IMPINJ, ZEBRA, SICK, CAEN, and others).
- **Flexible Architecture:** Capable of managing multiple reading points from a single device.
- **MOINSA Design:** The brain is designed to provide flexibility to our customers, adapting the hardware that best fits the project's specifications.



Main Features

Hardware

Fanless Industrial PC with Intel J3455, 8GB RAM, and 128GB SSD.

15-inch touch screen for easy interaction.

Configurable digital inputs and outputs for multiple applications.

Technical Specifications

Processor: Intel Celeron J3455 4C, 2.3GHz.

Screen: 15-inch 300nits XGA TFT LCD with capacitive touch screen.

Inputs/Outputs (GPIO): 8 / 8 (5 available).

Connectivity: 8 Ethernet RJ45 10/100/100 Mbps ports (6 available).

Power Supply: 230VAC / 50Hz, 100W consumption.

Operating Temperature: 0°C to 60°C.

Application Sectors

Logistics: Inventory management and flow control in warehouses.

Production: Product tracking on production lines.

Software

RFIDManager: Management and control of RFID reading, with support for multiple operating modes.

RFIDViewer: Graphical interface for real-time data visualization and error management.

RFIDConfig: Distributed configuration management via REST API to simplify the deployment of the Box Controller.

ArchViewer: An app installed on RFID terminals that complements the control of reading points to ensure maximum system efficiency.

Integration with WMS/ERP: Through the use of web services (SOAP) and REST API (JSON).

Differentiating Benefits

Adaptability: Ability to customize operations and configurations according to the client's specific needs.

Reliability and Durability: Designed to operate in demanding industrial environments.

Support and Service: Full support from Moinsa, from installation to maintenance.

ABOUT GRUPO MOINSA: Grupo MOINSA has over 50 years of experience in manufacturing comprehensive solutions for the commercial and technical equipment sectors, as well as intralogistics solutions.

MOINSA is the pioneering European company in the development of wireless solutions in the fields of logistics management and automatic identification.

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