

The Solution for Comprehensive Parcel Data Capture

AIT Easy OCR brings transparency and precision to one of the most critical processes in intralogistics: the reliable capture and analysis of shipping data directly within live operations. In inbound and outbound logistics environments – where high throughput and large volumes converge – the quality of data capture is a key determinant of efficiency, productivity, and operational reliability. AIT Easy OCR addresses this challenge by enhancing traditional barcode systems with intelligent, fully automated optical character recognition (OCR) technology.

At the core of the solution is a powerful OCR engine capable of accurately capturing all information displayed on shipping labels, regardless of font type, size, or label format. This enables organizations to go beyond standard barcode data and intelligently process additional information such as sender and recipient details. Even complex scenarios, such as the unique identification of shipments sharing identical address information or the consolidation of multiple parcels into a single shipment, can be handled with a high degree of reliability. The result is significantly improved data quality and sorting processes based on a far broader and more comprehensive information set.



Data is captured in real time, even at high conveyor speeds, without impacting material flow. By simultaneously reading multiple sides of a parcel, the system ensures that critical information is available at all times, regardless of package orientation. The solution delivers exceptional accuracy, not only reading but also validating captured data, thereby significantly reducing error rates and improving process integrity.

AIT Easy OCR also stands out through its flexibility and ease of integration. Its compact footprint allows deployment even in existing facilities with limited installation space, while the modular design enables step-by-step expansion to cover additional scanning sides as operational requirements evolve. The solution integrates seamlessly with a wide range of conveyor technologies and can be retrofitted into existing systems with minimal effort. Through standardized interfaces, all captured data is transferred directly to higher-level applications such as ERP and SAP systems, making information immediately available for downstream processes.

With AIT Easy OCR, parcel identification becomes a fully digital and intelligent process. Companies benefit from complete data transparency, significantly increased throughput, and enhanced sorting accuracy. At the same time, manual interventions are reduced, potential sources of error are minimized, and a scalable foundation is established for future-proof logistics operations.

Technical Highlights & Benefits

- **Reading Performance:** Reliable capture of all text strings and label information
Intelligent processing of sender & recipient data
- **Deployment:** Minimal installation footprint
Fast and easy retrofit integration
- **Flexibility:** Capture of all parcel sides
Supports different label formats, fonts, and character sizes
- **Fast & Efficient:** Complete data capture, even at high conveyor speeds
- **Integration:** Retrofit solution for all types of conveyor systems
- **Interface:** Seamless connection to higher-level systems (ERP, SAP, etc.)