

Multi-Talent VIPAC

More Efficiency with Barcode Reading and OCR on Hermes Shipping Forms

Tasks

In the new West-HUB of Hermes Logistik Gruppe/Germany, the recipient's handwritten address and barcodes will be automatically and completely recognized. In addition, the volume of the packages can be measured so that, in principle, shipments as well as the calculation of the transport capacities will be processed faster.

Benefit

Until now, individual handwritten addresses had to be manually typed in. With the fully automatic identification system VIPAC, these addresses are automatically recorded, stored, and processed with conveyor speeds of up to 1m/s (196fpm). With that there is VIPAC basis for exact and, most notably, fast sorting and tracking of the shipment. Delivery times are considerably re-

duced and the efficiency of the individual branch office increases. In addition, the volume measurement system, VOLUME HS2s, determines the package volumes on the sorter. Through this, required transport capacities can be calculated in advance. Vehicles are fully utilized and their route planning is further optimized. Until now, the volume measurements of coboidal form packages could only be carried out on conveyor belts. However, VIPAC, for the first time, verifies previously missed quadrangular form, three-dimensional packages on tilt trays and cross belt sorters.

Implementation

The VIPAC OCR reading system is installed over two conveyor belts with one camera each. VIPAC automatically reads the handwriting of the recipient's full address on the packages

at high speeds. In order to optimize clear recognition of handwriting, the package shipping forms were redesigned in cooperation with VITRONIC. A barcode label is assigned in con-

The VIPAC identification system reads OCR on shipping forms.



nection to each respective package. The packages reach a package sorting system and further identification systems read the barcodes and determine the volume of every package.

The redesigned shipping form for highest read rates.



Technical Data

Camera systems	5 VIPAC systems
Conveyor speed	1m/s (196fpm)
Functions	<ul style="list-style-type: none"> • Optical character recognition (OCR) • Barcode reading • Videocoding • Volume measurement over sorter