

SYSTEM INFORMATION



LYNX-CAPA CI Case Inspection

Description

The systems of the LYNX-CAPA product family are designed for the packaging process compliant with Track & Trace requirements. At LYNX-CAPA CI prints of folding boxes, bundles and shipper cases are inspected. The data is cross-checked with database entries. The processing and aggregation of serialised data is handled by scanware's linemanager LYNX-IMPERA.



Area of Application

Applicable Objects:

- Folding boxes
- Bundles
- Shipper Cases

Inspection Criteria:

- Readability of 1D and 2D codes
e. g. Code 128 and DataMatrix

Highlights

- Movable, modular, robust and ergonomic design
- Housing out of stainless steel to protect the station
- Implementation of brushless motors
- Automatic adjustment of camera and illumination module when adding a layer
- Movable contact edge for fixation of shipper case
- Excellent power transmission through planetary gear
- High-quality standardized parts allow an efficient supply of spare parts
- Uniform graphical interface, easy to follow menu and comfortable data input
- High camera resolution achieves optimum results
- Supports serialization and aggregation

■ System

LYNX-CAPA CI is designed for the manual packaging process.

At the station LYNX-SIGNUM HR inspects a large number of prints and cross-checks the data with database entries. The data can be serialized and aggregated by scanware's line manager LYNX-IMPERA.

The station is available as installation in cartoners and checkweighers.

Camera

Depending on the size of the inspected object, cameras with a resolution of up to 29 megapixels and integrated SMD-W-LED illumination are implemented. When inspecting more than one layer of folding boxes the height of the camera is adjusted by a servomotor.

Illumination

LYNX-CAPA CI is equipped with a toplight unit which is located in the camera housing. It can be adjusted in 16 levels. The illumination setting is saved as a part of the format and therefore reproducible.

Design

The height of the table on which the cases are placed is fixed.

Contact Edge

To capture all print images the shipper case has to be placed centric under the camera. The contact edge supports the user with the orientation.



■ The scanware Benefits

- Modular built for a multitude of installation options
- Real-time operating system QNX® for security and speed
- Uniform graphical interface and easy-to-follow menu structure
- Fully 21 CFR Part 11 compliant
- Hard- and software are expandable and upgradable
- Wear-free, electronically controllable scanware W-LED illumination
- Easy to install on all common packaging machinery
- Communication with machine via a VDMA-XML protocol
- Simultaneous use of numerous inspection parameters
- Variety of statistical tools
- Development of special tasks and requirements on your request
- Availability of all parts guaranteed for 10 years
- Service offering solutions and support within 24 hours

LYNX-IMPERA	Line Management
LYNX-SPECTRA	Product Inspection
LYNX-SIGNUM	Code Inspection
LYNX-FOCON	Pore Detection
LYNX-CAPA	Track & Trace Solutions

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