

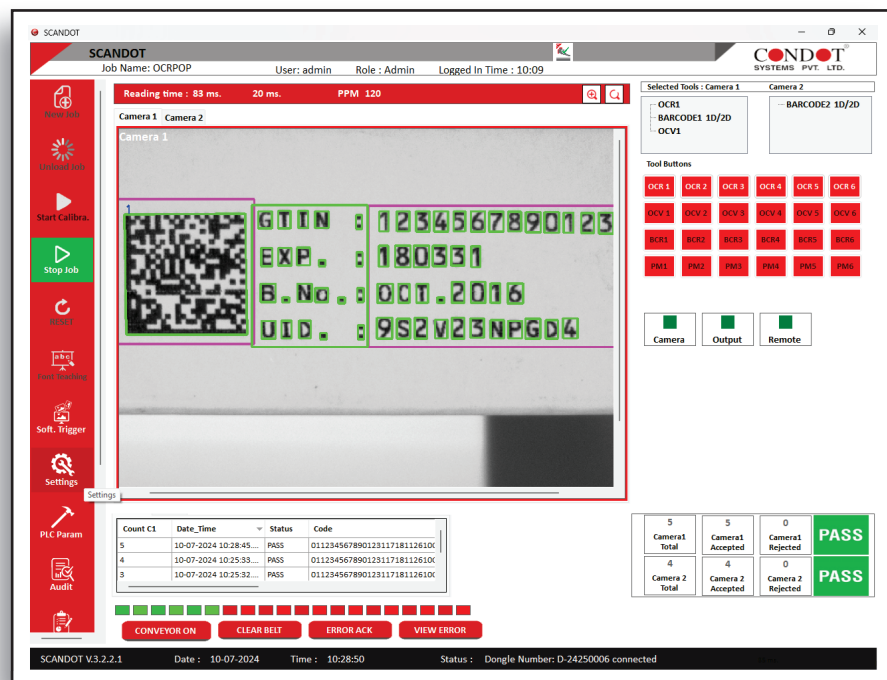
Thinking...

Vision Inspection System



CSPL LS

VISION SYSTEM



CSPL LINE SCAN VISION SYSTEM

Condot is in business of Coding, Marking, Variable Data printing & Vision Inspection solutions. Close interaction with customer to understand market requirements and constant development to increase product range in the direction which has been resulting in customer satisfaction. Our aim is to deliver ideal solution tailoring to customer specific requirements.

CSPL Vision inspection system is designed to cater the complex demand of inspection automation to optimize manufacturing process, ensure product quality, enhance productivity and maintain safety standards in industrial environment. Condot has developed Area & Line Scan vision system with Global & Rolling Shutter from 1.3 MP to 42 MP and 4K & 8K vision system.

Flexibility, Scalability, Reliability, Adaptability are synonymous language with Condot. We can offer solution for OCR, BCR (as per ISO grading), Image matching, and more function with 21CFR Part 11 compliance for data safety, 4 level user management with audit trail report.

CSPL Vision Inspection solution is designed to meet all functional market expectations that offers flexibility for the customers to choose a suitable module that will adapt to their requirements.

The solution is designed to address industry demands such as track & trace, brand loyalty, customer retainership campaigns, unique ID verification, warehouse management and many other similar applications.

The most fruitful benefits of **CSPL LS VISION SYSTEM** are easy integration and retro fit onto any production line whether printing, packaging or any other relevant production ecosystem.

Application - Multi-track inspection, barcode inspection, product identification, image comparison, present / absent verification, print & verification, read & print, bulk barcode scan, mail addressing, data validation, sequence matching, and many more such applications.

Camera details

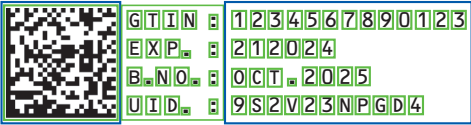
Camera	Lens	Width (mm)	Frequency
4K	8mm / 6 MP	400	80 kHz
8K	35mm	600	40 kHz

*Width can be achieved if the OCR size is above 9pt or barcode dot size is more than 3 pixel.

Description	Line Scan 4K	Line Scan 8K
Controller size (Inch)	PC based	PC based
OCR / OCV / BCR / Image matching	✓	✓
Queue size	100	100
Encoder support	✓	✓
Any type of sensor support (NPN / PNP)	✓	✓
Beacon 2 colour	✓	✓
Consecutive rejection signal	✓	✓
No encoder pulse	✓	✓
Linear speed up to (m / min)	100	100
Sequence matching	✓	✓
Data matching with database and data read	✓	✓
Used to verify fixed pattern and variable data	✓	✓
Operating language	✓	✓
Audit trail report	✓	✓
Job summary report	✓	✓
Rejection signal track wise up to	6	12
Signal for rejection marking track wise	✓	✓

Thoughts Fulfilled

OCR



Serialization

GTIN: 1354577890321
B.NO: CSPL145
MFD: 06/2024
EXP: 07/2025
UID: GLDSNUUCBW0



Aggregation



Alpha Numeric Serial No.

AB12CD34E5F6

1D Barcode



Image Matching



BCR



Large to Small Font Print - OCV

CONDOT SYSTEMS PVT. LTD. - 4 pt.

CONDOT SYSTEMS PVT. LTD. - 5 pt.

CONDOT SYSTEMS PVT. LTD. - 6 pt.

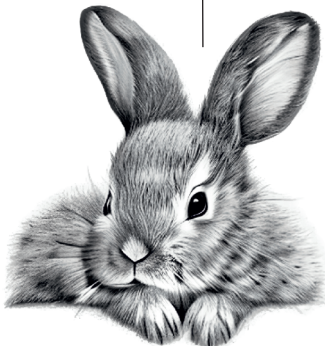
CONDOT SYSTEMS PVT. LTD. - 7 pt.

CONDOT SYSTEMS PVT. LTD. - 8 pt.

PDF Code



Pattern Image Matching



Authentication Code



OCV

BATCH NO.: 2106506
MFG. DT. : 10/2024
EXP. DT. : 09/25
M.R.P (INCL. OF ALL TAXES) Rs.56.25

Data Matrix



*CONDOT SYSTEMS reserves the right to update or improve the technical specifications without prior notice.

CONDOT[®]
SYSTEMS PVT. LTD.

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