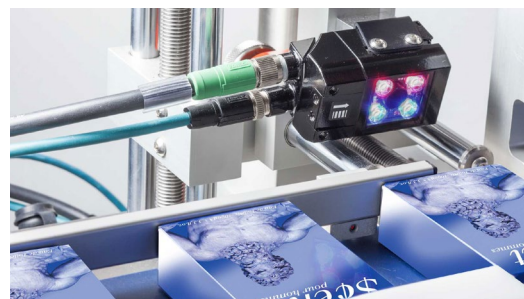# VIDEOJET

Laetus

Inline Vision Systems

Character Legibility

Simple user interface and proven reliability of the Videojet - Laetus Character Legibility system enables accurate detection of printed text and codes

Ensure printed code presence and readability.

Seamless integration in a production line.

Improve quality and optimise production efficiency.

Check if marking is present and text readable

- Take a photo of the text
- Process the image and attempt to recognize characters
- Compare each character against a set of allowed characters (alphabet)

Consumer Confidence

- Increase accuracy of variable data (e.g. Expiry Date or Best Before) ensuring that the information provided to the consumer is fully readable.
- 100% quality-inspected products placed into the market.
- Maintain Brand quality with consistently readable text information.

Setup made easy

- Setup time is minimised by integral SKU/article management.
- Legibility tolerances setup is simplified by a user friendly operator interface.

Communication & Connectivity

- Remove potential for human error with suite of line integration and code management capabilities.
- Management of marking system codes directly from the Vision controller.
- Multiple cameras/printers can be connected together and be setup from a central point.

Production Efficiency

- Reduce costs caused by rework, recalls and scrap.
- Fast and reliable set-up and change-over ensures high OEE.
- End-of-Batch report gives Production Managers the best traceability for quality issues.

Inline Vision Systems
Character Legibility

mindestens haltbar bis: 27.02.2021 12:59 20155 CB

mindestens haltbar bis: 27.02.2021 12:59 20155 CB

User interface and software
Laetus NAVIGATOR for MS Windows

Languages
English
Further languages at request

Inspection System
Inspector wt621 smart camera system, 1280x 1024 Pixel, monochrome, max. 50 fps, embedded operating system, 1 Trigger input, 3 input signals for future use, 4 result outputs, integrated LED lighting red/blue, LED class 1, strobe control of external lighting, integrated 9.6 mm lens with software adjustable focus, reading distance 70 ... 1.500 mm, optical indicators (5x status display, 10x LED bar, 1 green feedback), beeper/buzzer, connectivity prepared for Profinet, EtherNet, EtherCAT, PROFIBUS DP
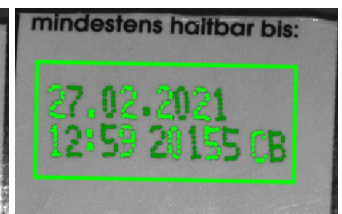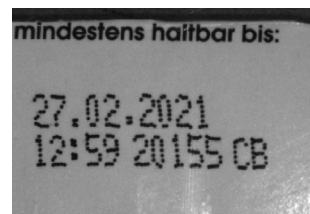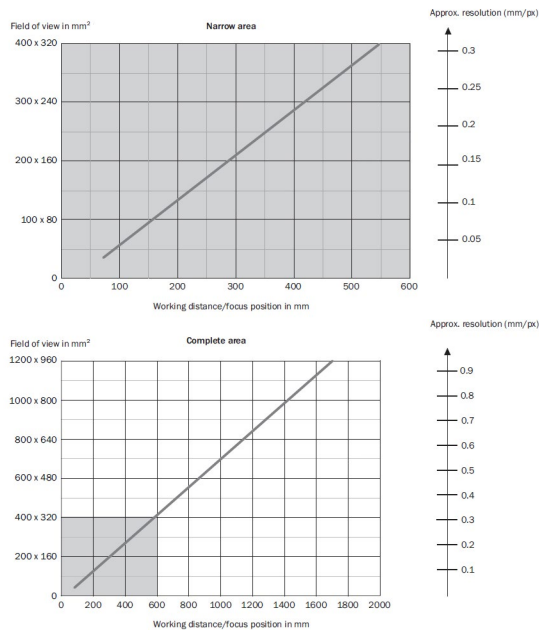
Character Legibility Application
Quality-based character legibility function, adjustable quality and number of character threshold. Configurable print analysis, application tracker tool.

Inspection Line speed capability
Depends on application, typically up to 15 Hz

Working Distance / Field of View
Note! 17.1 mm lens not available!

Environmental protection
Inspection camera IP65
Option- stainless steel cabinet IP54 (fan less)

Temperature/humidity range
0°C to 50°C (32°F to 122°F)
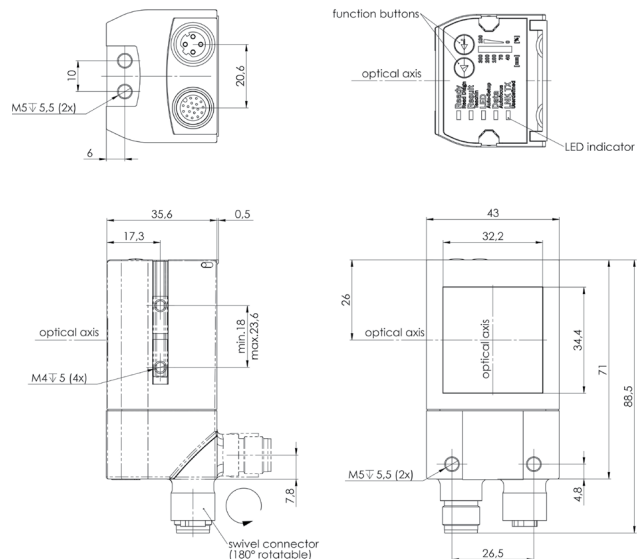0% to 90% RH non-condensing

Electrical requirements
100-240 VAC at 50/60 Hz, approx.. 60W, 24V / DV 240W power supply included 8-port Ethernet Switch included
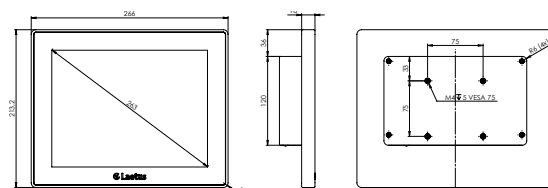
Package Options
COMMANDER 110S, 10" Touch Panel, Windows 10 IoT Enterprise operating system, 128GB SSD

Electrical cabinet, stainless steel, incl. 24V DC power supply, 8-port Ethernet switch, terminal blocks for 2 inspection cameras, Fault stop signal and indicator

Inspector wt621

COMMANDER 110S

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