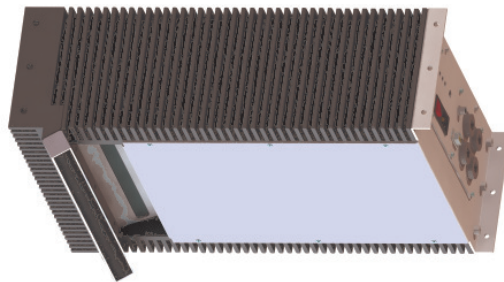




VarioMail Compact



Camera Based Identification System



VarioMail Compact is a camera based identification system developed to read different types of codes, plaint text, textures, to measure and control dimensions and forms.

The particular feature of VarioMail Compact is its compactness and versatility. In this system camera, LED illumination, decoder and power supply are combined. A wide range of interfaces and network protocols allow the integration of peripheral components and the connection to PLC systems to control and monitor sortation machines, for instance.

Features

- Operation as camera for OCR and VideoCoding
- Reading of 1D- and 2D-codes, hand- and machine writings (OCR and ICR), optical print quality control (OCV), texture recognition, form reading, matching
- CCD line scan camera for scans with 490 FPM
- Integrated white LED linear illumination
- Integrated decoder PC with multicore processor
- Digital outputs to control peripherals
- Robust durable design with passive cooling
- Easy integration by using open standards
- Fast installation and setup with convenient graphical installation assistant
- Easy connection: Only one Ethernet cable and power cord needed for the camera





Camera Based Identification System

Target Areas

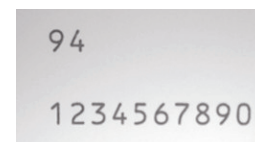
- Inbox and outbox solutions
- Warehouse processes
- Sortation applications in industrial environments, mail-order business, pharmacy, food industry, postal services and logistics
- Quality control and documentation in factory and process automation
- Verification of print products
- Capturing of form data and addresses
- Read and print applications

Image Output

- Output over GigE Vision network protocol (only available for cameras without decoder)
- Output of full images or cropped ROIs (regions containing recognition results)
- SDK for direct integration into Windows and Linux applications
- Output as files via integrated FTP client in a freely selectable format (JPEG, BMP, TIFF et al.)
- Live display inside installation assistant for Windows and Linux

Technical Data

- Resolution: max. 320 dpi
- Field of view: 11.8 - 15.7 in
- Depth of field: 1.0 in
- Conveyor speed (max): 490 FPM
- Orientation: omnidirectional
- Focus: fixfocus
- Illumination: white LED linear lighting with 50.000 h MTBF
- Connections: RS232 data exchange with peripherals or PC
- RJ45 Gigabit Ethernet for host / image data
- RJ45 Gigabit Ethernet for slave camera
- RJ45 Fast Ethernet for digital I/O module
- DB25 8 digital IN+OUT
- M12 tachometer
- Size (LxWxH): 17.7 x 11.8 x 5.9 in
- Weight: ca. 26.5 lbs
- Operating current: 230 V, 50 Hz, 2 A
115 V, 60 Hz, 3 A
- Operating temperatures: 32° to 122 °F
- Relative humidity: 10 % to 90 % noncondensing
- IP protection class: IP52
- MTBF: 50.000 h



Models

- 2K, 4K or 6K CCD line scan camera
- Camera selectable with/without internal decoder
- Additional camera (slave) for 2sided reading

Accessories

- Expansion module for additional digital optocoupler in- and outputs 24V DC
- External decoder PC for additional recognition tasks and redundancy
- Archive server for high performance image storage and webinterface for recherche and displaying images
- VideoCoding PC for online/offline coding of Noreads of one camera
- Upgrade to multisided reading for simultaneous image capturing and recognition of an object with two cameras

Contact

Sandro Seltitz
eMail: seltitz@asinteg.de