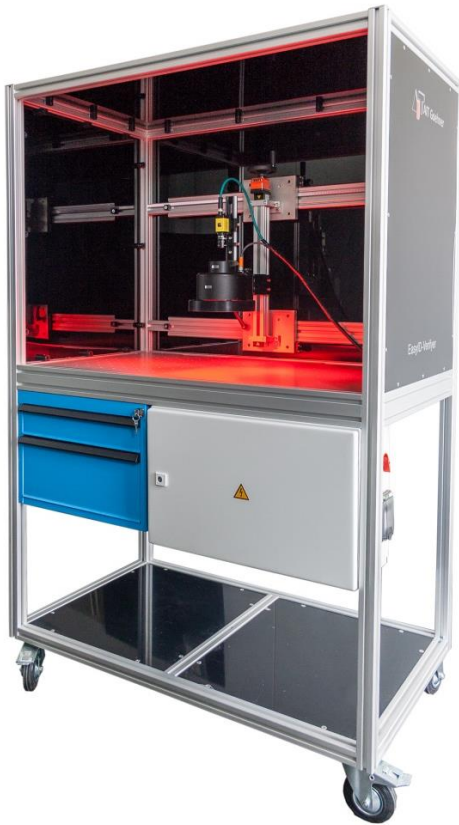


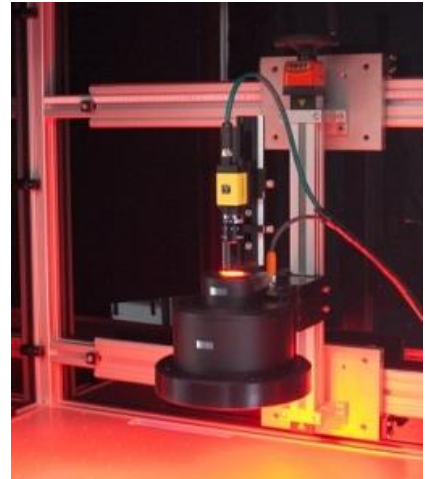


## Features of the Verifier:

- Data-Matrix verification for process control according to ISO/IEC TR 29158 (AIM DPM 2006-1) and ISO/IEC 15415
- Easy menu-driven software with product management (Saving the axis positions, exposure time, etc.)
- Validation of the DataMatrix code content
- Easy PC connection via ethernet to the control panel
- Repeatable and reliable results according to ISO/IEC 15426-2
- Logging (PDF) of the verification results with an image, individual quality values and defects
- Logging of results in CSV file
- Applicable to a plurality of parts

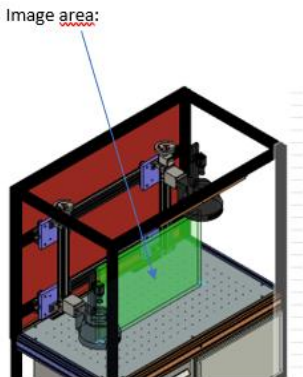
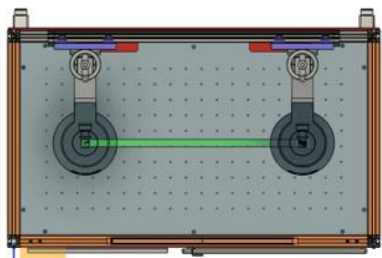
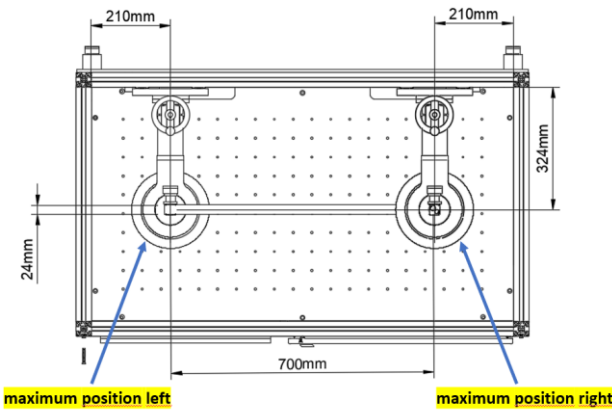
## AIT EasyID Verifier Unit:

- High resolution ID system Cognex In-Sight 8000 Serie with 1600x1200 pixels
- Flexible illumination units triggered via ethernet (4 quadrants illumination module and dome light)
- Control panel for connection to 230V with power supplies for camera and illumination, 4-fold POE switch, dig. I/O relais card for illumination triggering.  
Easy connection to PC through RJ45 connector.
- Windows based verification software and manual
- Calibration card
- Dimensions (LxWxH): 410x200x360 mm<sup>3</sup>
- PC with monitor optional available depending on requirements



## Station:

- Adjustable design for small to large parts (includes evaluation unit)
- Solid aluminum profile frame with 2 adjustable axes and position indicators
- Base plate with M6 drilling grid for mounting of brackets, clamping fixtures and component collets
- Complete basic system with frames, axes, base plate for mounting on fixing plate and with wheeled substructure (ascertainable)
- Darkening with macrolon panes against external light from the top, back and side
- Dimensions (LxWxH): 1200x700x1900 mm<sup>3</sup>
- Working table height 1040mm

| Measuring range for code: |                                                                                      |
|---------------------------|--------------------------------------------------------------------------------------|
| Perspective view          |   |
| Top view                  |  |
| Dimensions in mm          |  |

| Technical specifications              |                                 |
|---------------------------------------|---------------------------------|
| Image sensor                          | 1600x1200 Pixel                 |
| Illumination                          | 30°/ 90°                        |
| Wavelength of the illumination        | 660nm (Light color: Red)        |
| Type of code                          | 2D Data-Matrix (ECC200)         |
| Min. module size                      | 0,2mm                           |
| Max. code size                        | 30x30mm <sup>2</sup>            |
| Communication                         | Ethernet                        |
| Operating temperature                 | 0°C to 45°C (32°F to 113°F)     |
| Storage temperature                   | -30°C bis 80°C (-22°F to 176°F) |
| Air humidity in operation and storage | 25% to 80% non-condensing       |
| Certifications (CE, UL, FCC)          | Yes                             |
| Operating system                      | Windows 7, Windows 10           |

| Ordering information |                             |
|----------------------|-----------------------------|
| Article no.          | Description                 |
| 111139               | AIT EasyID Verifier Station |