

# Control Unit

## uniVision Profile Seam Tracking

# BB1C509

Part Number



- Compact housing in 86 × 227 × 260 mm format
- Configurable uniVision software for welding seam tracking with 2D/3D profile sensors
- Control unit with installed uniVision Profile Seam Tracking software
- Wear and noise reduction thanks to passive, fanless cooling

The control unit is a CPU for evaluating data from image processing products. Its compact design ensures the necessary flexibility for easy, space-saving installation, for example in a control cabinet or on a wall. Quick initial start-up is made possible by the pre-installed software. Various standard interfaces are available for the output of results. An extensive range of optional accessories is also available including monitor, keyboard and switch.

## Technical Data

### Electrical Data

|                                             |             |
|---------------------------------------------|-------------|
| Supply Voltage                              | 9...48 V DC |
| Current Consumption (U <sub>b</sub> = 24 V) | < 5 A       |
| Temperature Range                           | 0...45 °C   |
| Number of RJ45 Industrial Ethernet ports    | 2           |
| Number of USB 2.0 interfaces                | 2           |
| Number of USB 3.0 interfaces                | 6           |
| Number of Gigabit Ethernet RJ45             | 2           |
| Number of display port interfaces           | 2           |
| Number of VGA ports                         | 1           |
| Number of HDMI ports                        | 1           |
| Number of PS/2 ports                        | 1           |

### Mechanical Data

|                      |                                 |
|----------------------|---------------------------------|
| Housing Material     | Aluminum, anodised              |
| Degree of Protection | IP40                            |
| Wall mounting        | yes                             |
| Software             | uniVision Profile Seam Tracking |
| Processor            | Intel® Core i7                  |
| Clock Frequency      | 4,4 GHz                         |
| RAM                  | 16 GB                           |
| Hard disk            | 128 GB SSD                      |

|                         |   |
|-------------------------|---|
| Ethernet                | ● |
| PROFINET-I/O, CC-C      | ● |
| EtherNet/IP™            | ● |
| USB Interface           | ● |
| PS/2 (mouse/key pad)    | ● |
| VGA Connection          | ● |
| Display port connection | ● |

## Complementary Products

|                                 |
|---------------------------------|
| 2D/3D Profile Sensors MLSL/MLWL |
| Control unit license upgrade    |
| EHSS001 Switch                  |
| Key Pad Z0044                   |
| Monitor ZNNG026                 |
| Software                        |

