

# Control Unit

## uniVision Profile

# BB1C001

Part Number



- Compact housing
- Configurable software for individual profile evaluation  
Based on data from 2D/3D Profile Sensors
- Control unit with installed uniVision Profile software
- Passive, fan-free cooling

The control unit is shipped with installed wenglor software and is ready for use immediately after installation. An Ethernet port, a digital I/O or an RS-232 port can be used for data read-out at the control unit. The compact housing ensures the necessary flexibility for easy, space-saving installation, for example in a control cabinet or on a wall. Extensive accessories such as keyboard, monitor and various mounting systems are available as options as well.

## Technical Data

### Electrical Data

Supply Voltage	18...36 V DC
Current Consumption (U <sub>b</sub> = 24 V)	< 1,8 A
Temperature Range	0...45 °C
Switching Output Voltage Drop	< 2,5 V
PNP Switching Output/Switching Current	100 mA
Electrical Isolation	yes
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Switching Outputs	8
Digital Inputs	8
Number of RS-232 interfaces	1
Number of USB 2.0 interfaces	2
Number of USB 3.0 interfaces	2
Number of Gigabit Ethernet RJ45	2
Number of DVI ports	1
Number of display port interfaces	1
Number of VGA ports	1
Protection Class	III

### Mechanical Data

Housing Material	Metal
Degree of Protection	IP50
Wall mounting	yes

### Function

Tracking	yes
Object Measurement	yes
Highest/lowest point	yes
Edge and gap detection	yes
Software	uniVision Profile
Processor	Intel® Core i3
Cycle rate	2,4 GHz
RAM	4 GB
Hard disk	250 GB SSD

RS-232 Interface	●
Ethernet	●
Digital I/O	●
USB Interface	●
DVI-D port	●
VGA Connection	●
Display port connection	●

Suitable Mounting Technology No.

521

## Complementary Products

2D/3D Profile Sensors MSL/MLWL
Key Pad Z0044
Monitor ZNNG026
Software
Switch ZAC45FN01

