

# Control Unit

## uniVision All in One

# BB1C105

Part Number



- Configurable uniVision software for evaluating height profiles of up to 16 2D/3D profile sensors
- Configurable uniVision software for evaluating images from digital cameras
- Control unit with pre-installed VisionApp 360, uniVision Profile and Image Extended software
- Wear and noise reduction thanks to passive, fan-less 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	18...36 V DC
Current Consumption (U <sub>b</sub> = 24 V)	< 2,2 A
Temperature Range	0...40 °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
Number of Switching Outputs	8
Number of Digital Inputs	8
Number of RJ45 Industrial Ethernet ports	2
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

1D and 2D code reading	yes
Combined height profile	yes
Profile analysis	yes
Image analysis	yes
Image-based pattern matching	yes

Software	uniVision All in One
Processor	Intel® Core i7
Clock Frequency	2,3 GHz
RAM	8 GB
Hard disk	250 GB SSD

Ethernet	●
PROFINET-I/O, CC-C	●
EtherNet/IP™	●
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
Control unit license upgrade
Digital Camera BB6K
Key Pad Z0044
Monitor ZNNG026
Switch EHSS001

