

BB1C105

Part Number



- **2D/3D profile sensor**Configurable uniVision software for evaluating height profiles from up to 16 2D/3D profile sensors
- **Configurable uniVision software** for evaluating images from digital cameras
- **Control unit with preinstalled VisionApp 360, uniVision Profile and Image Extended software**
- **Reduced wear and noise thanks to passive cooling without fan**

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 reading out 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 _b = 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

2D/3D Profile Sensors MSL/MLWL

Digital Camera BB6K

Key Pad Z0044

Monitor ZNNG026

Switch EHSS001

