

Control Unit

uniVision All in One

BB1C505

Part Number



- Configurable uniVision software for evaluating height profiles of up to 16 2D/3D profile sensors
- Configurable uniVision software for evaluating images from machine vision cameras
- Control unit with pre-installed VisionApp 360, uniVision Profile and Image Extended 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 _b = 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 All in One
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
BBZK machine vision camera
Control unit license upgrade
EHSS001 Switch
Key Pad Z0044
Monitor ZNNG026

