

# 1D/2D Code Scanner

## C5KC001

Part Number



- Auto-button function
- Integrated code reconstruction
- Integrated LED illumination
- Web link

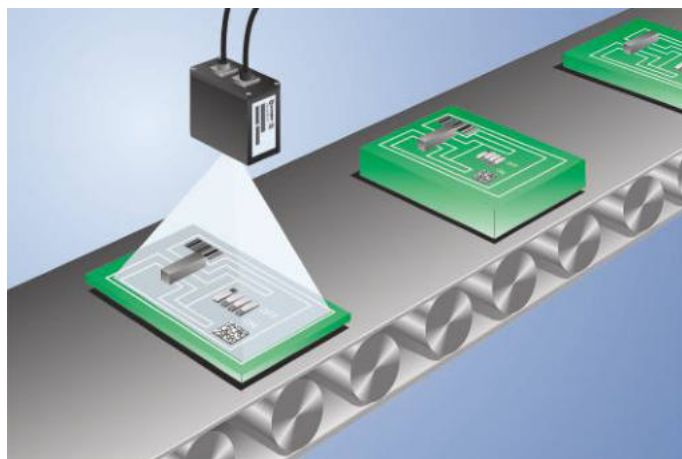
These 2D code scanners are suitable for omnidirectional scanning of 1D and 2D codes.

The following code types can be processed:

1D codes: Code39, Code93, Code128, UPC/EAN, BC412, Interleaved 2 of 5, Codabar, Postal Codes, Pharmacode

2D codes: DataMatrix ECC 0...200, PDF417, Micro PDF417, QR-Code, Micro QR-Code, Aztec Code, GS1 Databar, Dot code

Additional code types upon request.

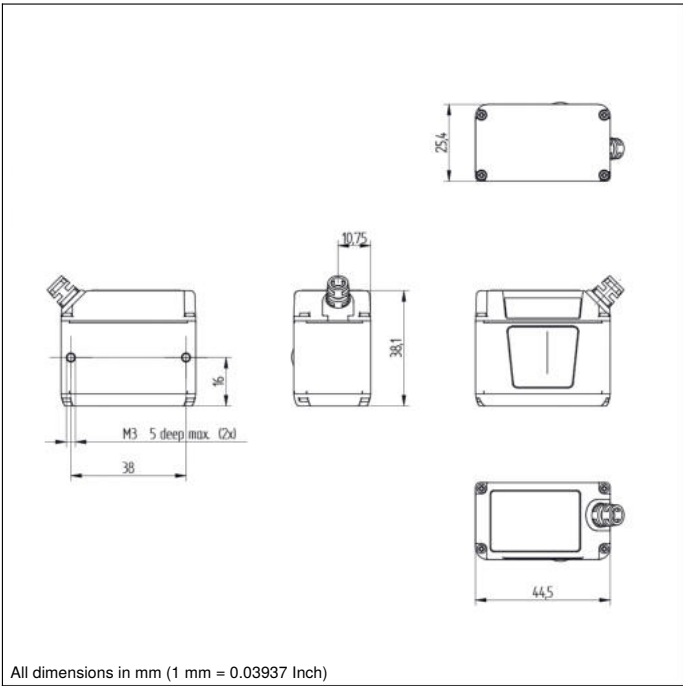


### Technical Data

| Optical Data                                |                  |
|---------------------------------------------|------------------|
| Barcode Density                             | Standard density |
| Resolution                                  | 1280 × 960 Pixel |
| Light Source                                | Red Light        |
| Wavelength                                  | 617 nm           |
| Service Life (T = +25 °C)                   | 50000 h          |
| Electrical Data                             |                  |
| Supply Voltage                              | 5 V DC           |
| Current Consumption (U <sub>b</sub> = 24 V) | 600 mA           |
| Scan Rate                                   | 10 scans/sec     |
| Temperature Range                           | 0...40 °C        |
| Switching Output                            | TTL              |
| Number of Switching Outputs                 | 3                |
| Switching Output/Switching Current          | < 100 mA         |
| Reverse Polarity Protection                 | yes              |
| Interface                                   | USB/RS-232       |
| Trigger Input                               | Optoisolator     |
| Signal Input                                | Optoisolator     |
| Number of Signal Inputs                     | 3                |
| Mechanical Data                             |                  |
| Housing Material                            | Aluminum         |
| Weight                                      | 108 g            |
| Degree of Protection                        | IP54             |
| Connection                                  | SubD 15-pin      |
| Connection Table No.                        | 58               |
| Control Panel No.                           | A24              |
| Suitable Connection Equipment No.           | 74               |
| Suitable Mounting Technology No.            | 430              |

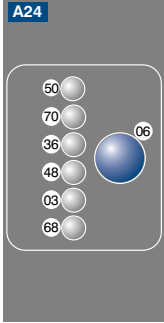
### Complementary Products

|                              |
|------------------------------|
| Connection Box AB-0003-1     |
| Interface Cable ZDNV007      |
| Optical Diffuser ZNNG030     |
| Path-Folding Mirror ZNNG028  |
| Polarization Filter ZNNG031  |
| Protective Housing ZSV-0x-01 |
| Replacement Disc ZNNG029     |
| Software                     |



All dimensions in mm (1 mm = 0.03937 Inch)

### Ctrl. Panel



03 = Error Indicator  
06 = Teach Button  
36 = Mode Indicator  
48 = Network Status  
50 = Good Read  
68 = Supply Voltage Indicator  
70 = Run/Trigger

| Object Distance | Max.Field of View | Min.Resolution | Read Range  |             |
|-----------------|-------------------|----------------|-------------|-------------|
|                 |                   |                | 1D          | 2D          |
| 50              | 57,2 × 42,9 mm    |                |             |             |
| 64              | 73,0 × 54,8 mm    | 0,084 mm       | 45...65 mm  | —           |
| 81              | 88,9 × 66,7 mm    | 0,127 mm       | 45...106 mm | 45...55 mm  |
| 102             | 109,5 × 82,2 mm   | 0,190 mm       | 45...162 mm | 45...85 mm  |
| 133             | 141,3 × 106,0 mm  | 0,254 mm       | 45...218 mm | 45...116 mm |
| 190             | 200,0 × 150,0 mm  | 0,381 mm       | 45...300 mm | 45...178 mm |
| 300             | 314,3 × 235,7 mm  | 0,508 mm       | 45...300 mm | 45...240 mm |

