1D/2D Code Scanner

C5KC002
Part Number

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

Technical Data

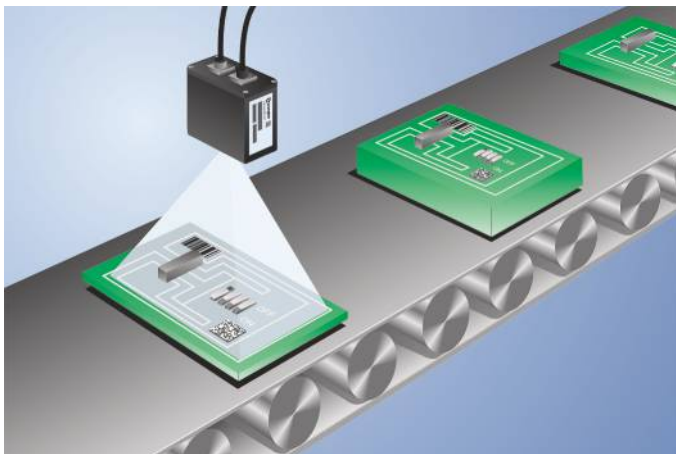| Optical Data	
Barcode Density	High density
Resolution	1280 × 960 Pixel
Light Source	Red Light
Wavelength	617 nm
Service Life (T = +25 °C)	50000 h
Electrical Data	
Supply Voltage	5 V DC
Current Consumption (Ub = 24 V)	600 mA
Scan Rate	10 scans/sec
Temperature Range	0...40 °C
Switching Output	TTL
Number 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

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
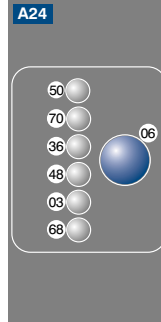Additional code types upon request.

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

1D/2D and Barcode Scanners
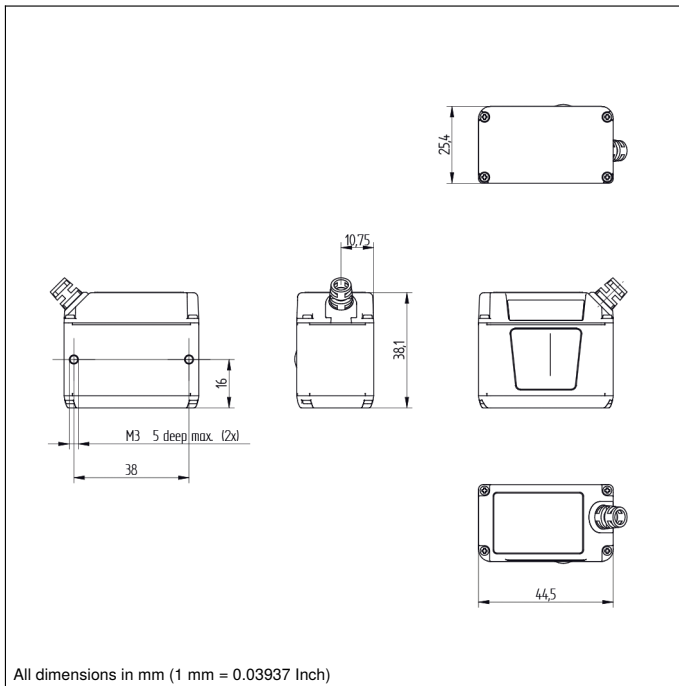
All dimensions in mm (1 mm = 0.03937 Inch)

Ctrl. Panel

A24

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
50	36,5 × 27,4 mm
64	46,0 × 34,5 mm
81	57,2 × 42,9 mm
102	71,4 × 53,6 mm
133	90,5 × 67,9 mm
190	127,0 × 95,3 mm
300	198,4 × 148,8 mm

Min.Resolution	Read Range	
	1D	2D
0,050 mm	45...62 mm	—
0,084 mm	45...107 mm	45…56 mm
0,127 mm	45...165 mm	45…88 mm
0,190 mm	45...252 mm	45…135 mm
0,254 mm	45...300 mm	45...182 mm
0,381 mm	45...300 mm	45...280 mm