

1D/2D Code Scanner

C5KC003

Part Number



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

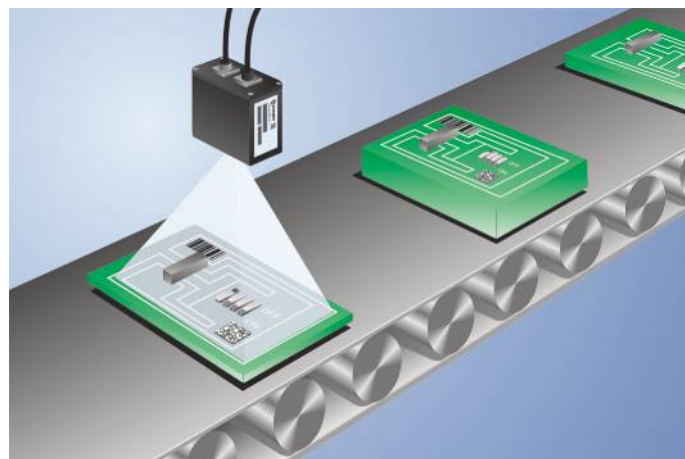
These 2D code scanners are suitable for omnidirectional scanning of 1D and 2D codes.

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	752 × 480 Pixel
Resolution	0,36 MP
Focal distance	5,2 mm
Pixel Size	6 × 6 μm
Light Source	Red Light
Wavelength	617 nm
Service Life (T = +25 °C)	50000 h
min. Resolution	0,127 mm

Environmental conditions

Temperature Range	0...40 °C
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Electrical Data

Supply Voltage	5 V DC
Current Consumption (Ub = 24 V)	600 mA
Scan Rate	60 scans/sec
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, anodised
Optic Cover	Plastic, PMMA
Degree of Protection	IP54
UL Enclosure Type	1
Connection	SubD 15-pin
Minimum object distance	50 mm

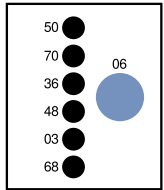
Connection Table No.	58
Control Panel No.	A24
Suitable Connection Equipment No.	74
Suitable Mounting Technology No.	430

Complementary Products

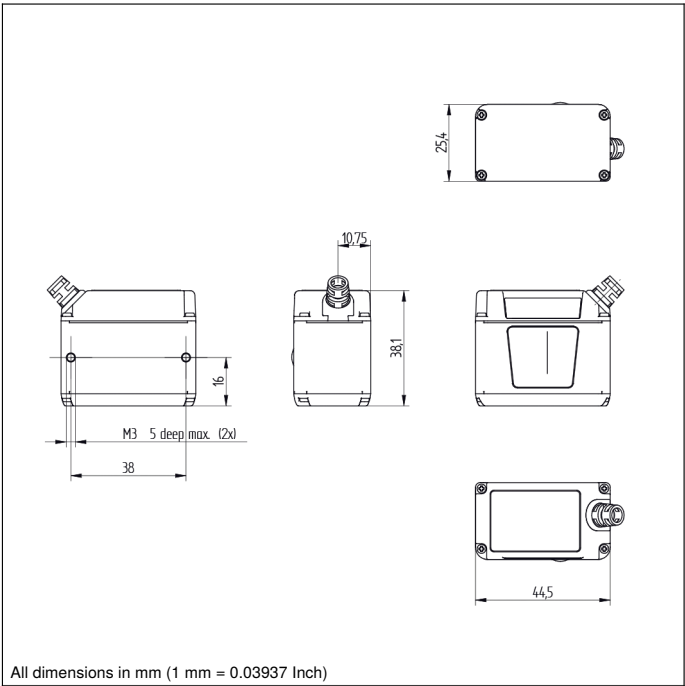
Connection Box AB-0003-1
Interface cable ZDNV007
Optical diffuser
Path-Folding Mirror ZNNG028
Protective Housing ZSV-0x-01
Software

Ctrl. Panel

A24



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



All dimensions in mm (1 mm = 0.03937 Inch)

Object Distance	Max.Field of View	Min.Resolution	Read Range	
			1D	2D
50	52,5 × 34,0 mm			
64	65,5 × 41,5 mm	0,127 mm	45...63 mm	—
81	82,0 × 51,0 mm	0,190 mm	45...98 mm	45...50 mm
102	102,0 × 64,0 mm	0,254 mm	45...134 mm	45...70 mm
133	132,0 × 82,0 mm	0,381 mm	45...205 mm	45...108 mm
190	185,0 × 115,5 mm	0,508 mm	45...275 mm	45...147 mm
300	288,0 × 180,0 mm	0,762 mm	45...300 mm	45...185 mm

