1D/2D Code Scanner

FIS-0004-0111

Part Number

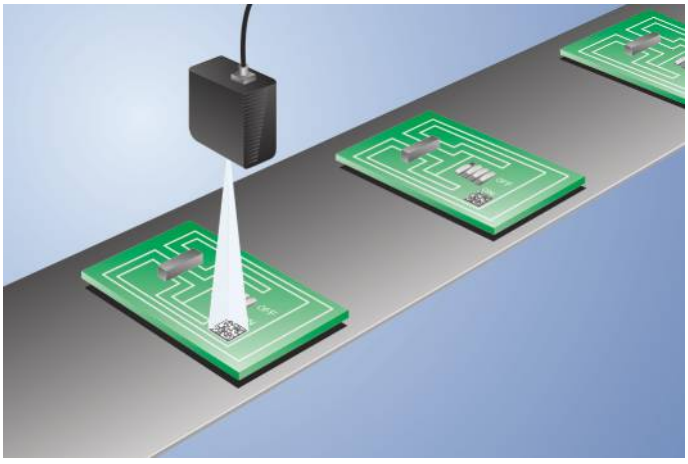


- **For static applications**
- **High depth of focus**
- **Teach-in**

Technical Data

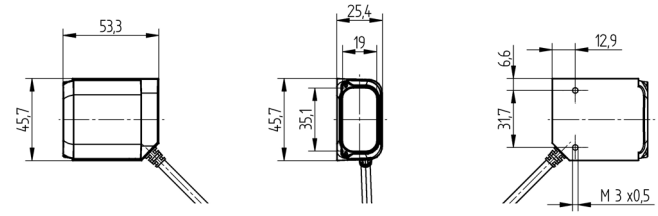
Optical Data	
Density	Medium density
Read Range	36...132 mm
Resolution	640 × 480 Pixel
Light Source	Red Light
Wave Length	617 nm
Service Life (T = +25 °C)	40000 h
Max. Ambient Light	3000 Lux
Barcode Label Contrast	> 20 %
Electrical Data	
Supply Voltage	5 V DC
Power Consumption	1970 mW
Scan Rate	10 scans/sec
On-/Off-Delay (RS-232)	2,55 s
Temperature Range	0...40 °C
Switching Output	TTL
Switching Outputs	3
Switching Output/Switching Current	10 mA
Network Possibilities	Daisy Chain, Multidrop
Interface	USB
Trigger Input	NPN
Signal Input	NPN
Number of Signal Inputs	1
Acoustic signal	yes
Mechanical Data	
Housing Material	Aluminum
Weight	57 g
Degree of Protection	IP54
Connection	USB
TTL positive/negative switchable	●
Control Panel No.	Ba6
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:
Code39, Code128, Code93, UPC/EAN, IBM BC412, Interleaved 2 of 5, Codabar, DataMatrix, PDF417, QR-Code, RSS family, Micro PDF.



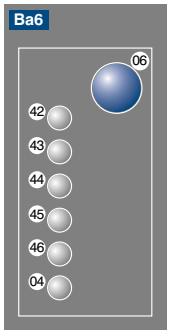
Complementary Products

- Connection Box AB-0003-1
- Path-Folding Mirror LA26
- Protective Housing ZSV-0x-01
- Software



All dimensions in mm (1 mm = 0.03937 Inch)

Ctrl. Panel



04 = Function Indicator
06 = Teach Button
42 = Reading Performance 100 %/Good Read
43 = Reading Performance 80 %/Status/Trigger
44 = Reading Performance 60 %
45 = Reading Performance 40 %
46 = Reading Performance 20 %

Min. Resolution		Max. Visual Field	Read Range
1D	2D		
Medium Density			
0.19 mm	0.25 mm	61 46 mm	51 mm to 102 mm
0.25 mm	0.38 mm	66 50 mm	43 mm to 119 mm
0.38 mm	0.51 mm	71 53 mm	36 mm to 132 mm
Low Density			
0.25 mm	0.38 mm	107 80 mm	89 mm to 114 mm
0.38 mm	0.51 mm	127 95 mm	69 mm to 127 mm
0.51 mm	0.76 mm	147 110 mm	51 mm to 152 mm

Specifications are subject to change without notice