Scanner

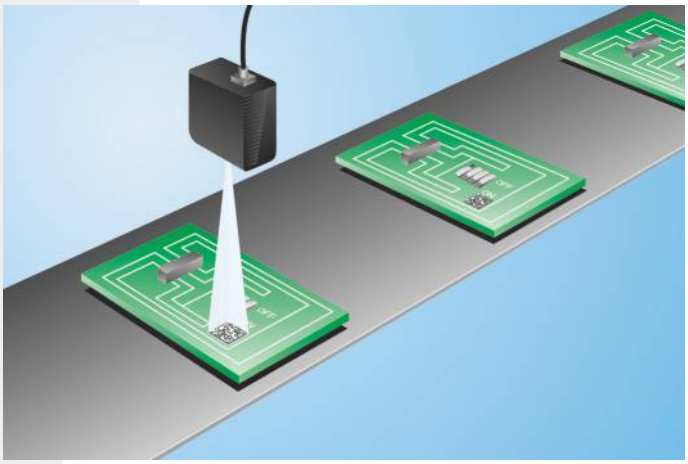
1D/2D Code Scanner

FIS-0004-0102

Part Number

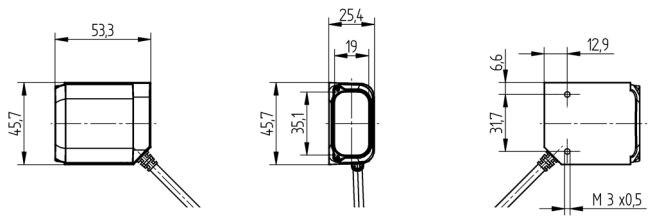
- **for static applications**
- **High depth of focus**
- **Teach-In**

These 2D code scanners are suitable for omnidirectional scanning of 1D and 2D codes. The following code types can be processed:
Code 39, Code 128, Code 93, UPC/EAN, IBM BC412, I2 of 5, Codabar, Data Matrix, PDF417, QR Code, RSS family, Micro PDF.



Technical Data

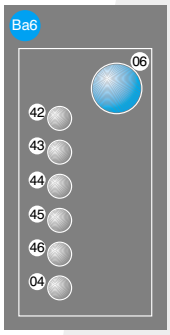
Optical Data	
Low density	yes
Read Range	51...152 mm
Resolution	640 × 480 Pixel
Light Source	Red Light
Wave Length	617 nm
Service Life (T = +25 °C)	40000 h
Max. Ambient Light	3000 Lux
Barcode Label Contrast	> 20 %
Electrical Data	
Supply Voltage	5 V DC
Power Consumption	1970 mW
Scan Rate	10 scans/sec
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	RS-232/422/485
Baud Rate	115200 Bd
Trigger Input	NPN
Signal Input	NPN
Number of Signal Inputs	1
Acoustic Indicator	yes
Mechanical Data	
Housing Material	Aluminum
Weight	57 g
Degree of Protection	IP54
Connection	SubD 15-pin
TTL positive / negative switchable	●
Connection Table No.	09
Control Panel No.	Ba6
Suiting Connection Technology No.	16 74
Suiting Mounting Technology No.	430



All dimensions in mm (1 mm = 0.03937 Inch)

Min. Resolution		Max. Field of vision	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

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 %

Complementary Products

Connection Box AB-0003
Connection Box AB-0003-1
Deflection Mirror LA26
Protection Housing ZSV-0x-01

Specifications are subject to change without notice