

# 1D/2D Code Scanner

## FIS-0004-0101

Part Number



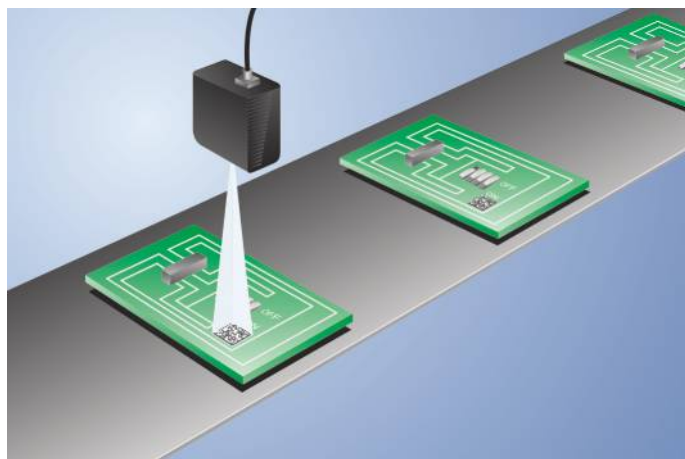
- For static applications
- High depth of focus
- Teach-in

### Technical Data

| Optical Data                       |                        |
|------------------------------------|------------------------|
| Barcode Density                    | Medium density         |
| Read Range                         | 36...132 mm            |
| Resolution                         | 640 × 480 Pixel        |
| Light Source                       | Red Light              |
| Wavelength                         | 617 nm                 |
| Service Life (T = +25 °C)          | 40000 h                |
| Max. Ambient Light                 | 3000 Lux               |
| Barcode Printing 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                    |
| Number of 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 signal                    | 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                    |
| Suitable Connection Equipment No.  | 16   74                |
| Suitable Mounting Technology No.   | 430                    |

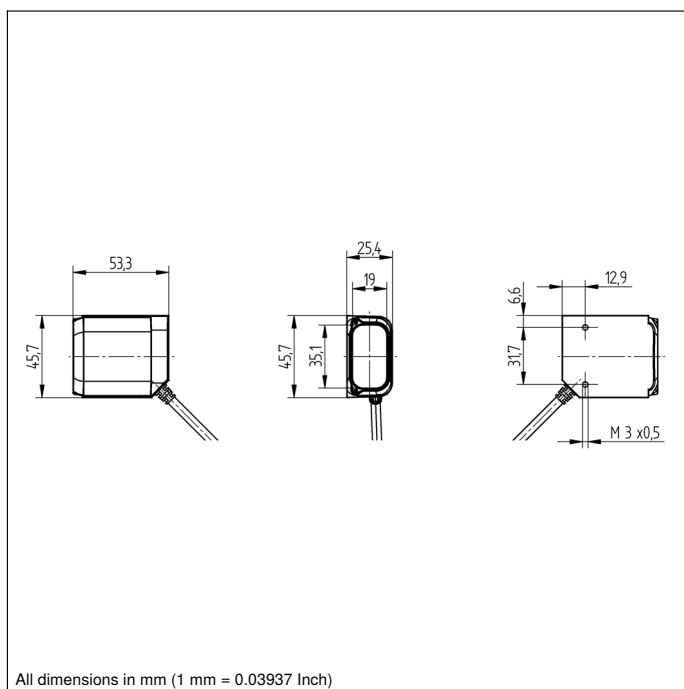
These 2D code scanners are suitable for omnidirectional scanning of 1D and 2D codes. The following code types can be processed:

Code39, Code128, Code93, UPC/EAN, IBM BC412, Interleaved 2 of 5, Codabar, DataMatrix, PDF417, QR-Code, RSS family, Micro PDF.

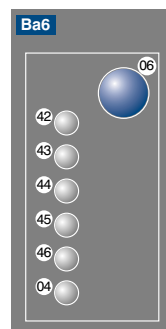


### Complementary Products

|                                     |
|-------------------------------------|
| Connection Box AB-0003-1            |
| Fieldbus Gateway ZAGxxxN01, EPGG001 |
| Path-Folding Mirror LA26            |
| Protective Housing ZSV-0x-01        |
| Software                            |



### 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 |

