

SICK V2D611D-MMSCE4

SICK V2D611D-MMSCE4 | Lector61x

IMAGE-BASED CODE READERS

Detailed technical data

Features

Variant Complete device

Optical focus Adjustable focus (manually)

Sensor CMOS monochrome

Sensor resolution 1,280 px x 960 px (1.2 MP)

Illumination Integrated

Illumination color Amber, LED, Visible, 617 nm, ± 15 nm

Blue, LED, Visible, 470 nm, ± 15 nm

LED class 1 (IEC 62471:2006-07, EN 62471:2008-09)

Feedback spot LED, Visible, green, 525 nm, ± 15 nm

LED, Visible, Red, 635 nm, ± 15 nm

Alignment aid LED, Red, 630 nm, ± 15 nm

Laser class 1, complies with 21 CFR 1040.10 except for the conformance according to “Laser Notice No.

56” from May 8, 2019 (IEC 60825-1:2014, EN 60825-1:2014+A11:2021)

Lens

Focal length 12 mm

Scanning frequency 40 Hz

Code resolution 0.02 mm

Working range 50 mm ... 300 mm

Supply voltage 12 V DC ... 24 V DC, ± 15 %

Power consumption Typ. 3.5 W

Output current ≤ 50 mA

Housing material Zinc diecast

Housing color Light blue (RAL 5012)

Window material Plastic

Enclosure rating IP54 (EN 60529, EN 60529/A2)

Protection class III

Electrical safety EN 62368-1

Weight 165 g

Dimensions (L x W x H) 50 mm x 40.3 mm x 29.6 mm

Performance

Readable code structures 1D codes, 2D codes, Stacked, direct-marked codes

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

Bar code types GS1-128 / EAN 128, UPC / GTIN / EAN, Interleaved 2 of 5, Pharmacode, GS1 DataBar, Code

39, Code 128, Codabar, Code 32, Code 93, Plessey Code, MSI/Plessey, Telepen, postal codes

2D code types Data Matrix ECC200, GS1 Data-Matrix, PDF417, PDF417 Truncated, QR code, MaxiCode

Code qualification On the basis of ISO/IEC 16022, ISO/IEC 15415, ISO/IEC 15416, ISO/IEC 18004

No. of codes per reading interval 1 ... 50

No. of characters per reading interval 500 (for multiplexer function in CAN operation)

Exposure time $\geq 60 \mu s$

Automated parameter switching ✓

Interfaces

Ethernet ✓ , TCP/IP

Function Data interface (read result output), FTP (image transmission)

Data transmission rate 10/100 MBit/s

PROFINET ✓

Function PROFINET Single Port

Data transmission rate 10/100 MBit/s

EtherNet/IP™ ✓

Data transmission rate 10/100 MBit/s

Serial ✓ , RS-232

Function Data interface (read result output)

Data transmission rate 0.3 kBaud ... 115.2 kBaud

CAN ✓

Function SICK CAN sensor network CSN (CAN controller/CAN device, multiplexer/server)

Data transmission rate 20 kbit/s ... 1 Mbit/s

CANopen ✓

Data transmission rate 20 kbit/s ... 1 Mbit/s

Digital inputs 2 (physical, switching, “Sensor 1” , “Sensor 2”)

Digital outputs 3 (physical, switching, “Result 1” ... “Result 3”)

Reading pulse Digital inputs, non-powered, serial interface, Ethernet, CAN, auto pulse, presentation mode

Optical indicators 9 LEDs (6 status displays, 2 LED alignment aids, 1 feedback spot)

Control elements 1 pushbutton (select and start/stop functions)

Operator interfaces Web server

Configuration software SOPAS ET

Data storage and retrieval Image and data storage via external FTP

EncoderFrequency Max. 300 Hz

External illumination control Via digital output (max. 24 V trigger)

Ambient data

Electromagnetic compatibility (EMC) EN 61000-6-3:2007+A1:2011

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

EN 61000-6-2:2005-08

Vibration resistance EN 60068-2-6:2008-02

Shock resistance EN 60068-2-27:2009-05

Ambient operating temperature 0 ° C ... +40 ° C

Storage temperature - 20 ° C ... +70 ° C

Permissible relative humidity 90 %, Non-condensing



You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com