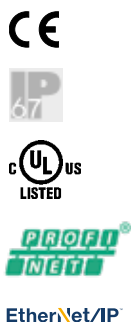


VISOR® V10 Code Reader Standard, wide field of view

Reading of 1D and 2D codes



PRODUCT HIGHLIGHTS

- Can be used for all common 2D codes (ECC 200 data matrix) and common 1D barcodes
- Comprehensive tools for flexible and easy connection to PC and PLC environments

| Optical data | | Functions | |
|--|---|--------------------------------|---|
| Resolution | 800 x 600 pixels | Number of jobs / detectors | 8 / 2 |
| Imaging chip CMOS | 1/3.6", monochrome | Detectors | Barcode: reading 1D barcodes; EAN, UPC, RSS, 2/5 Interleaved, 2/5 Industrial, code 32, code 39, code 93, code 128, ECC200 GS1, pharm code, codabar; Datacode: reading 2D codes: ECC200 (GS1), QR code (GS1), Micro QR code, Aztec code (GS1), PDF 417; |
| Integrated lens, focal length [mm] | 5.2 (wide) | | |
| Pixel size | 4.8 µm x 4.8 µm | | |
| Focus | Motorized | | |
| Adjustment range | 0 mm to infinity | | |
| Integrated illumination | White (5000 K), red (635 nm), infrared (850 nm) LEDs | | |
| Minimum field of view, X x Y | 2 x 1 mm | | |
| Electrical data | | Mechanical data | |
| Operating voltage, +U _B | 18 ... 30 DC ¹ | Dimensions | 70.4 x 45 x 45 mm (without plug) |
| Current consumption (without I/O) | ≤ 300 mA | Enclosure rating | IP 67 & IP 65 |
| Protective circuits | Reverse-polarity protection, U _B / short-circuit protection of all outputs | Material, housing | Aluminium, die-cast, RoHS compliant |
| Power On Delay | Approx. 13 s after Power on | Material, front screen | Plastic |
| Outputs | PNP/NPN (switchable) | Ambient temperature: operation | 0 ... +50 °C ² |
| Max. output current (per output) | 50 mA, 100 mA (pin 12) | Ambient temperature: storage | -20 ... +60 °C ² |
| Switching threshold inputs incl. encoder | PNP/NPN High > U _B -1V / Low < 3V | Weight | Approx. 200 g |
| Input resistance | > 20 kΩ | Plug connections | Supply and I/O M12, 12-pin Ethernet M12, 4-pin |
| Interfaces | Ethernet (LAN), EtherNet/IP, PROFINET, SensoWeb | Vibration resistance | EN 60068-2-6 |
| Inputs/outputs | 2 inputs, 2 outputs, 4 selectable inputs/outputs | Shock resistance | EN 60068-2-27 |
| Encoder | No | | |

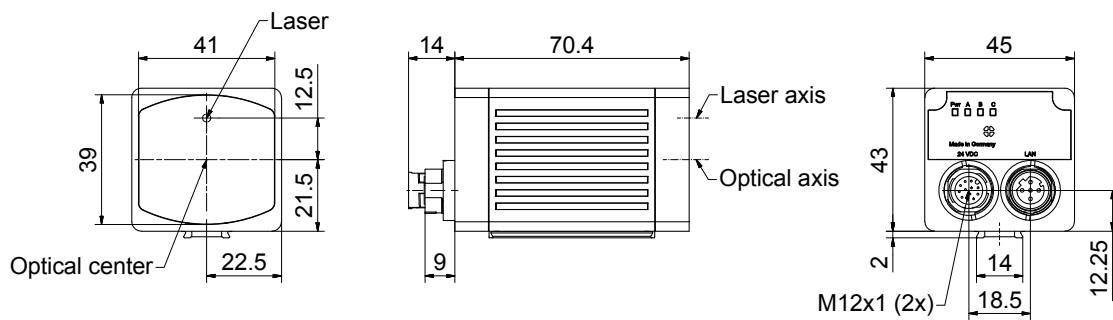
¹ Max. ripple < 5 V_{ss} ² 80 % air humidity, noncondensing

Sold & Serviced By:



Toll Free Phone (877) SERV098
www.electromate.com
sales@electromate.com

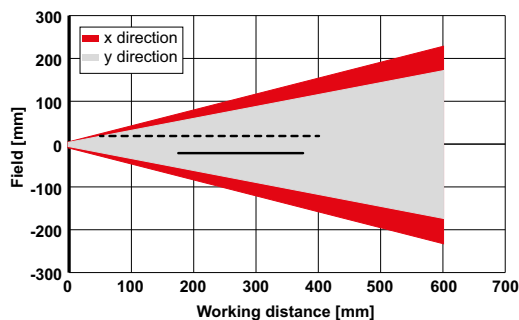
VISOR® vision sensor



153-13554

4

Field of view V10, wide



155-03101

----- Increased depth of field
 ——— Normal depth of field

| Illumination | Part number | Article number | Accessories | |
|--------------|-------------------|----------------|-----------------------|--|
| White | V10-CR-S3-W-W-M2 | 631-91061 | Connection cables | www.sensopart.com/en/accessories |
| White | V10-CR-S3-W-WD-M2 | 631-91000 | Illumination | |
| Red | V10-CR-S3-R-W-M2 | 631-91064 | Brackets | |
| Red | V10-CR-S3-R-WD-M2 | 631-91066 | Interface accessories | |
| Infrared | V10-CR-S3-I-W-M2 | 631-91069 | | |
| Infrared | V10-CR-S3-I-WD-M2 | 631-91040 | | |

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