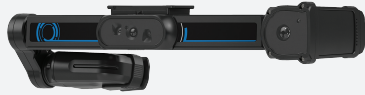


Wearables

VISOR-EX01-DZ1-AI-GAS-ONLY



- World's 1st uniquely combined smart glasses and smartphone solution-industrial-grade certified for hazardous areas
- Lightest and most balanced smart glasses on the market
- Android security and simple over-the-air updates guaranteed by Android™ Enterprise Recommended smartphones
- "Bionic Eye" - only smart glasses with optical, high-quality zooming
- Voice recognition for hands-free activities
- "See what I see" function enables fast remote-controlled onsite repairs and 1st time fix guarantee due to 24/7 access to remote experts

Visor-Ex® 01 DZ1, ATEX / IECEx Zone 1 (gas only)



Technical Data

| | |
|--|--|
| Hardware | |
| Camera | Two central 16 MP cameras 4:3 aspect ratio With torch and notification LED 6x optical zoom with liquid lens for fast autofocus and built-in laser (Class 1) |
| Scanner | Basic: QR, EAN-13 Advanced: 2D, Aztec, multiple barcodes |
| Sensors | 9-axis sensor (accelerometer, gyroscope, compass) |
| Speaker | 85 dB loudspeaker for noisy environments |
| Microphone | Microphone array for voice commands and echo cancellation Multilingual voice commands |
| Indicators/operating means | |
| Display | |
| Resolution | 640 x 400 active color matrix OLED display |
| Contrast | 1 : 10 000 |
| Brightness | Up to 2000 nits |
| Key | touchpad |
| Electrical specifications | |
| Battery type | Li-Ion with 3.7 V / 4400 mAh / 16.28 Wh (built-in) |
| Ambient conditions | |
| Ambient temperature | -20 ... 50 °C (-4 ... 122 °F) |
| Mechanical specifications | |
| Degree of protection | IP54 |
| Connection | 3.5 mm jack connection (for optional headphones and microphone) Coax connection Magnetic USB connection |
| Mass | Head Unit: approx. 180 g Pocket Unit: approx. 300 g |
| Dimensions | |
| W x H x D | Head Unit: 212 mm x 53 mm x 53 mm Pocket Unit: 82 mm x 148 mm x 20 mm |
| Data for application in connection with hazardous areas | |
| ATEX approval | |
| ATEX certificate | IBExU22ATEX1054 X |
| ATEX marking | Ⓔ II 2G Ex ib op is IIC T4 Gb |
| International approvals | |
| IECEx approval | |

Release date: 2023-01-17 Date of issue: 2023-01-17 Filename: 70151784_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Technical Data

| | |
|----------------------------|--|
| IECEX certificate | IECEX IBE 22.0002X |
| IECEX marking | Ex ib op is IIC T4 Gb Ta = -20 °C to +50 °C |
| General information | |
| Note | The Visor-Ex 01 can only be combined with the Smart-Ex 02 with camera! |
| Scope of delivery | Visor-Ex® 01 incl. Pocket Unit (with built-in battery pack) Coaxial Cable Charging cable Smart-Ex 02 cradle for Visor-Ex 01 Charger Cable guide Belt clip Documentation |

Accessories

| | | |
|--|--|---|
| | TC S02C Travel Charger (EU/UK/US/AU/CN) | Travel charger |
| | CABLE GUIDE V01 | Cable guide for Visor-Ex 01 |
| | COAX CABLE V01 | Coax cable for Visor-Ex 01 |
| | CR-EX V01 | Smart-Ex 02 cradle for Visor-Ex 01 |
| | CR-EX V01 INCL. PC V01 | Smart-Ex 02 cradle for Visor-Ex 01 incl. USB coiled cable for Visor-Ex 01 |
| | HELMET ADAPTER V01 | Helmet adapter for Visor-Ex 01 |
| | PC V01 | USB coiled cable for Visor-Ex 01 |
| | RL ID01 | Retractable lanyard for universal use |
| | MINI QD LOOP | Mini QD loop |
| | EXT-C2LCOIL | Clip2Loop coil tether |
| | BC-Ex | Belt clip with QuickFix for universal use |
| | SC-Ex | Spring clip with 4QuickFix |
| | CC S01-R | Car charger with USB-A socket for universal use |
| | TC S02 Travel Charger (EU/UK/US/AU) | Travel charger for universal use |
| | DS S02 | Docking station for Smart-Ex 02 and Ex-Handy 10 |

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Accessories



PC S02

USB Charging Cable for Smart-Ex 02, Ex-Handy 10 and Pocket Unit PU-Ex V01

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