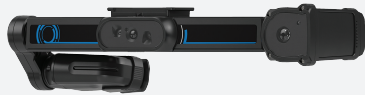


# Wearables

## Visor-Ex® 01 DZ1



- Unique smart glasses - smartphone solution for hazardous areas

Industrial grade smart glasses for hazardous areas



### Technical Data

#### Hardware

Camera	2x central 16 MP camera in 4:3 aspect ratio with flashlight LED, notification LED 6x optical zoom with liquid lens for fast autofocus and built-in laser
Scanner	Basic: QR, EAN-13 Advanced: 2D, Aztec, multiple barcodes
Sensors	9-axis sensor (accelerometer, gyroscope, compass)
Speaker	91 dB loudspeaker for noisy environments
Microphone	Quad microphone array for voice commands and echo cancellation Multilingual voice commands (usable up to 90 dB)

#### Indicators/operating means

Display	
Resolution	600 x 400 active color matrix OLED display
Contrast	Ultra high
Brightness	Up to 1600 nits
Key	touchpad

#### Electrical specifications

Battery type	Li-Ion with 3.7 V / 4400 mAh / 16.28 Wh (replaceable)
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#### Ambient conditions

Ambient temperature	-20 ... +60 °C (-4 ... +140 °F)
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#### Mechanical specifications

Degree of protection	IP64 according to EN/IEC 60079-0 (ATEX/IECEx) IP68 according to EN/IEC 60259 (industrial standard) and MIL-STD-810G
Connection	3.5 mm jack connection (for optional headphones and microphone) Coax connection Magnetic USB connection
Mass	Glasses: approx. 180 g
Dimensions	
W x H x D	Glasses: 212.3 mm x 46.7 mm x 53 mm Pocket Unit: 84 mm x 150 mm x 21 mm

#### Data for application in connection with hazardous areas

ATEX approval	
ATEX certificate	Pending
ATEX marking	Ⓜ II 2G Ex ia op is IIC T4 Gb IP64 Ⓜ II 2D Ex ia op is IIIC 135°C Db IP64

#### International approvals

SGS approval	
SGS certificate	Pending











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

## Technical Data

SGS marking	Class I, II, III Division 1, Groups A – G T4
IECEX approval	
IECEX certificate	Pending
IECEX marking	Ex ia op is IIC T4 Gb IP64 Ex ia op is IIIC 135°C Db IP64 Ta = -20 °C to +60 °C
<b>General information</b>	
Scope of delivery	Visor-Ex® 01 incl. pocket unit Battery pack Coaxial Cable Charging cable Cradle for Visor-Ex® 01 Charger Cable Guide Torx T8 Belt clip Documentation

## Accessories

	<b>SC-Ex</b>	Spring clip with 4QuickFix
	<b>CR-Ex V01</b>	Cradle for Visor-Ex® 01
	<b>Ex-BP S02</b>	Battery pack
	<b>PC S02</b>	USB Charging Cable for Smart-Ex 02 and Ex-Handy 10
	<b>DC EX-BP S02</b>	Battery pack charger for Ex-BP S02 & BP S02
	<b>DS S02</b>	Docking station
	<b>TC S02 Travel Charger</b>	Travel charger
	<b>CC S01-R</b>	Car charger
	<b>BC-Ex</b>	Belt clip with QuickFix
	<b>EXT-C2LCOIL CLIP2LOOP COIL</b>	Clip2Loop Coil Tether
	<b>MINI QD LOOP</b>	Mini QD Loop
	<b>RL ID01</b>	Retractable Lanyard