



Pad-Ex® 01 P8 Tablet Computer

PAD-EX01P8_DZ2_CI58256LTE2DHM



- Capacitive multitouch screen
- 1-D/2-D barcode scanner
- 5 MP camera with autofocus and LED flash
- Outstanding wireless connectivity
- Sierra Wireless EM 7565 Module
- Support for 4G LTE and GPS/Augmented Reality
- Intel Wireless AC9260
- Bluetooth® 5.0
- 11.6 inch widescreen display
- Can be used in sunlight
- Windows® 10 Pro
- 802.11 a/b/g/n/ac
- Eighth-generation Intel® Core™ processor
- Accessories and peripheral devices allow a wider range of applications
- Global certificates - a common platform
- Viator® BT Bluetooth® HART Modem
- Complete kit is pre-installed for customer
- Out of box experienced (OOBE)

Pad-Ex 01 DZ2 (DIV 2 & Zone 2/22), GPS/LTE, with camera, i5 processor, 8 GB RAM, 256 GB SSD, Windows 10, 1-D/2-D barcode scanner, including HART modem



Technical Data

Hardware

Processor	Intel Broadwell i5 (8250 U)
Working memory	RAM 8 GByte
Camera	
Front camera	2 MP
Main camera	5 MP Autofocus
Scanner	1-D/2-D barcode scanner
Internal data memory	256 GByte
Sensors	Acceleration sensor, gyroscope and e-compass, light sensor

Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	29.5 cm (11.6 ")
Resolution	1920x1080 (Full HD)
Brightness	500 nits
Colors	16 Mio.

Electrical specifications

Battery type	Li-Ion battery 43.8 WH 11.1 V 3950 mAh
Operating duration	up to 7 h

Communication

WLAN	802.11 a/b/g/n/ac (2.4 GHz + 5 GHz)
Bluetooth	Bluetooth® 5.0
GPS sensor	GPS, Glonass, Beidou, Galileo

Release date: 2021-04-22 Date of issue: 2021-04-27 Filename: 70110156_eng.pdf

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

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Technical Data

USB Connections	USB 3.0 (Type-A) x 2
SIM card	Wi-Fi Direct, NFC, ANT+
	1 x standard SIM
Software	
Operating system	Windows® 10 Pro (64 Bit)
Languages	Deutsch English (default)
Ambient conditions	
Ambient temperature	-10 ... 55 °C (14 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64
Mass	1200 g
Dimensions	H x W x D 192 mm x 298 mm x 20 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 16 ATEX 1 163 X
ATEX marking	Ⓜ II 3G Ex ic IIC T4 Gc Ⓜ II 3D Ex ic IIIB T135°C Dc
International approvals	
SGS approval	
SGS certificate	SGSNA/20/SUW/00020
Approved for	Class I, II, III, Division 2, GRPS A-G, T4, T135 °C Class I, Zone 2, Group IIC T4
IECEX approval	
IECEX certificate	IECEX EPS 16.0072X
IECEX marking	Ex ic IIC T4 Gc Ex ic IIIB T135 °C Dc
General information	
Scope of delivery	Pad-Ex® AC Adaptor Charging cable Dock Connector with Pass-Through Hand strap Documentation Viator Bluetooth HART Interface

Accessories




	VH P01 A01 Vehicle Dock	Vehicle dock for Pad-Ex 01 DZ2, D2
	CC P01 A01 car charger	
	DS P01 A01 Office Dock	Office docking station for Pad-Ex 01 DZ2 D2
	DC P01 HC Battery charger	Charger for BP P01 HC and BP P01 SC
	CH P01 A01 Shoulder strap	Shoulder strap for Pad-Ex 01 DZ2, D2
	LC P01 A01 Leathercase	Leather case for Pad-Ex 01 DZ2, D2
	HA P01 A01 X-Strap	X-strap for Pad-Ex 01 DZ2, D2
	HM-MT-BT-EX-010041	Interface for wireless communication between PC host and HART field devices

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Accessories

	ST T01 X1i	Stylus pen
	PSPA1C1GE	USB-C to Ethernet Adapter
	CA P01 A01 Hand strap	Hand strap for Pad-Ex 01 DZ2, D2

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