The panel PC is equipped with the Intel® Celeron® J1900 as standard. The Ethernet interface enables individual computers or network devices such as a printer to be connected to an existing local network (LAN) (WLAN is also a possible option) or local networks to be set up completely wirelessly. Allows high-performance visual display and operation of the processes directly on site. State-of-the-art display technology provides optimum contrast even with a large viewing angle. To allow the greatest ease in utilisation the devices are available for wall, floor or table mounting. A keyboard with integrated trackball or touchpad can be connected. Windows 7® Ultimate or Windows 10 Iot Enterprise are available as possible operating systems. This means that the PCs are open for many different software packages, for example customized software or various types of commercially available standard visualisation software.

Explosion protection

Marking ATEX Zone 2	Ⓔx II 3G Ex nA ic IIC T5 Gc
Certification	IBExU 09 ATEX 1113 X
Marking ATEX Zone 21 und 22	Ⓔx II 2D Ex ib tb IIIC T100°C Db -25 °C ≤ T_a ≤ +50 °C
Certification	IBExU 09 ATEX 1113 X
Other approvals and certificates, see www.bartec.de	

Kreski
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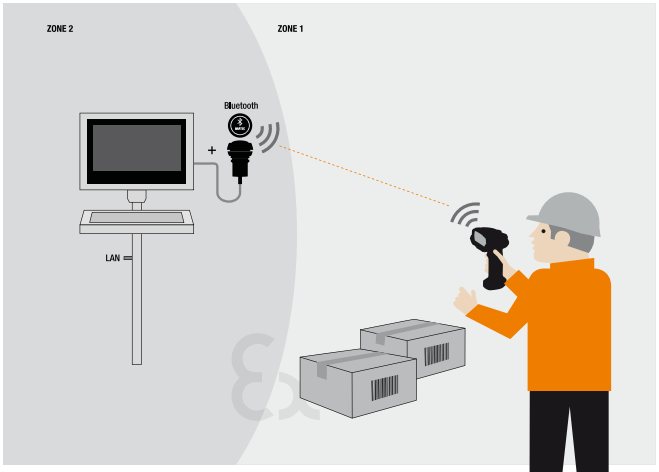
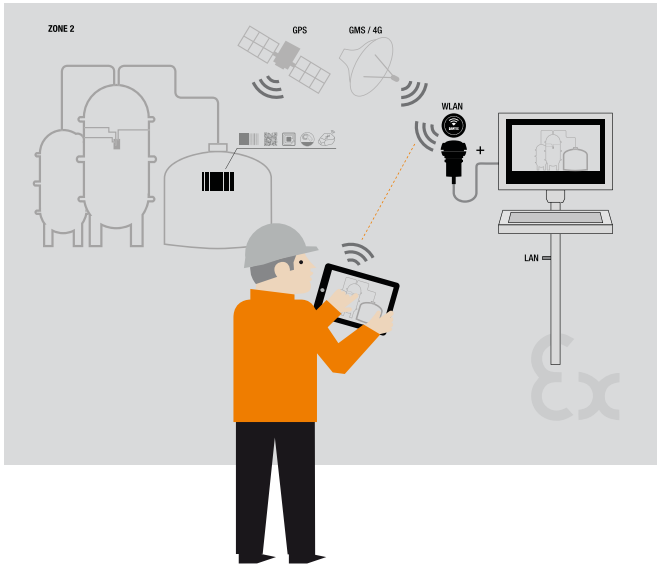
Więcej informacji: www.kreski.pl

Technical data

Construction	Stainless-steel enclosure
Protection class	IP 65
Display	24" W graphics-capable TFT colour display 16.7 million colours Full HD resolution, 1920 x of 1080 pixels Brightness 300 cd/m² Visible surface approx. 531 x 299 mm Contrast 5000:1
Backlighting	LED technology Service life approx. 50,000 hours (at +25 °C)
Computer capacity	Intel® Celeron® J1900 (quad-core up to 2.42 GHz) 4 GB RAM with 32-bit operating system 8 GB RAM with 64-bit operating system 128 GBytes SSD (MLC Type)
Operating system	Windows 7® Ultimate (32 Bit) Windows 10 Iot Enterprise (32 Bit) Windows 10 IoT Enterprise (64 Bit)
Interfaces (basic version)	2 x Ethernet 100BaseT 4 x USB (on version with keyboard and mouse, 1 x on terminals) Optional: RS232/422/485 Serial Interface
Audio	internal PC cabinet speaker (optional)
Bluetooth	Optional via smart device e. g. connection to BARTEC BCS Bluetooth hand-held scanner (also zone 1)
WLAN	Optional via smart device
Dimensions (W x H x D)	Display unit: 660 mm x 450 mm x approx. 100 mm With mounting adapter and keyboard: 785 mm x 610 mm x approx. 400 mm
Weight	approx. 19 kg
Input voltage range	AC 90 to 253 V, DC 24 V ± 10 %
Max. power consumption	$P_{max.}$ < 75 W
Permissible ambient temperatures	Storage -25 °C to +60 °C Operation 0 °C to +50 °C
Relative air humidity	5 to 95 % non-condensing
Material	Stainless steel
Optional accessories	Keyboard with integrated trackball 38 mm Keyboard with integrated trackball 50 mm Keyboard with integrated touchpad





Ordering information

Description	Code no.	Input voltage	Code no.	Operating system	Code no.	Keyboard language	Code no.	Insert unit	Code no.
POLARIS II Panel PC 24" W without touchscreen	**8**	AC 90 to 253 V	**1**	Windows 7® Ultimate (32 Bit)	**U**	German	**1**	Trackball 50 mm	**1**
				Windows 10 Iot Enterprise (32 Bit)	**K**	English	**2**	Trackball 38 mm	**2**
POLARIS II Panel PC 24" W with touchscreen	**7**	DC 24 V	**2**	Windows 10 Iot Enterprise (64 Bit)	**L**	French	**3**	Finger mouse	**3**
								Touchpad	**4**

Complete order no. 17-72V4- ☐☐☐ **4/** ☐☐ **00**

Please insert correct code. Technical data subject to change without notice. Other versions on request.