

POLARIS Web Client/Remote PC 19.1"

Features

- Remote desktop solution
- Presentation of HTML pages
- Direct linkage in explosive areas
- Ethernet interface
- Easy front panel fitting
- Ex e and Ex i USB interface
- Graphic-capable TFT colour display

Description

The POLARIS Web Client/Remote PC 19.1" is based on Windows® XP Embedded and supports a remote desktop connection to control a remote computer through Ethernet. The Microsoft Internet Explorer is available on the device for presenting HTML pages.

Allows high-performance visualisation and operation of the processes directly on site.

The wired electrical connections are realized via a terminal compartment of the "e" type of protection (increased safety).

The state-of-the-art display technology guarantees an optimum contrast, even with large viewing angle.

The front panel fitting assures easy installation. Upon request, the devices are also available as turn-key system solutions in a stainless steel enclosure as wall, floor or ceiling mounting versions.

An intrinsically safe USB interface is available for a USB Ex i memory stick.

Intrinsically safe input devices can be connected also. The optional (intrinsically safe) touch screen offers the optimum in operating comfort.

Explosion protection

Ex protection type

ATEX Ex II 2G Ex db eb qb [ib op pr] IIC T4
Ex II 2D Ex tb IIIC T120°C IP 6X

Certification

IBExU 05 ATEX 1117 X

IECEx

Ex db eb qb [ib] IIC T4
Ex tb IIIC T120°C IP 6X

Certification

IECEx IBE 11.0007 X

Further approvals

INMETRO, GOST-R

Protection class

IP 65 (front side)
IP 54 (rear side)

Technical data

Construction

Front panel fitting

Display

- 19.1" graphic-capable TFT colour display
- 16.7 million colours
- SXGA resolution 1280 x 1024 pixels
- Brightness up to 300 cd/m²
- Visible area approx. 380 x 305 mm
- Contrast 1300:1
- Antireflection coating glass pane
- Optional touchscreen

Backlight illumination

- CFL technology
- Service life approx. 50.000 hours (at +25 °C)

Operating system

Windows® XP Embedded (pre-installed)

Interfaces

- 1 x Ex e Ethernet 100/10BaseT (option of optical fibres)
- 1 x USB Ex e
- 1 x Ex i USB for Ex i memory stick
- 2 x Ex i PS/2 for intrinsically safe keyboard and mouse

Dimensions (width x height x depth)

498 mm x 400 mm x approx. 135 mm

Wall cut-out

484 mm x 386.5 mm + 0.5 mm

Weight

approx. 33 kg

Power voltage

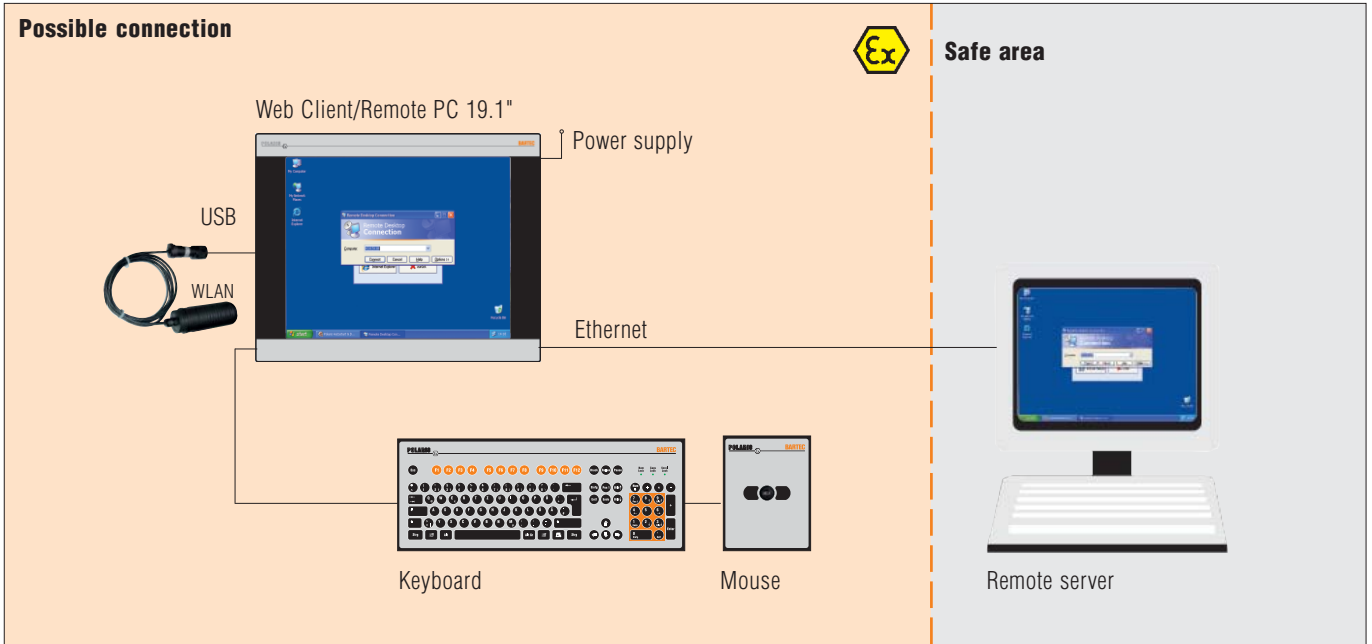
DC 24 V ± 10 %
AC 100 to 230 V, 50 to 60 Hz

Input voltage range

DC 24 V ± 10 %
AC 90 V to 253 V

Max. power consumption

P_{max.} < 50 W



Admissible ambient temperatures

Storage -20 °C to +50 °C
 Operation 0 °C to +50 °C
 System solution with heating on request.

Humidity

5 to 95 % non-condensing

Vibration

0.7 G/1 mm; 5 Hz - 500 Hz pulse in all 3 axes

Shock

15 G, 11 ms pulse in all 3 axes

Material

Front Polyester foil on anodised aluminium plate (conditionally UV-resistant)
 Rear panel galvanised sheet steel, bichromated

Selection chart

Version	Code no.	Input voltage range	Code no.
Web Client/Remote PC 19.1" without touchscreen	5	AC 90 up to 253 V	00
Web Client/Remote PC 19.1" with touchscreen	7	DC 24 V	01

➔ **Complete order no. 17-71V3-**

Please insert correct code.
 Technical data subject to change without notice.
 You will find the accessories with order details on the accessories pages.