

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 %

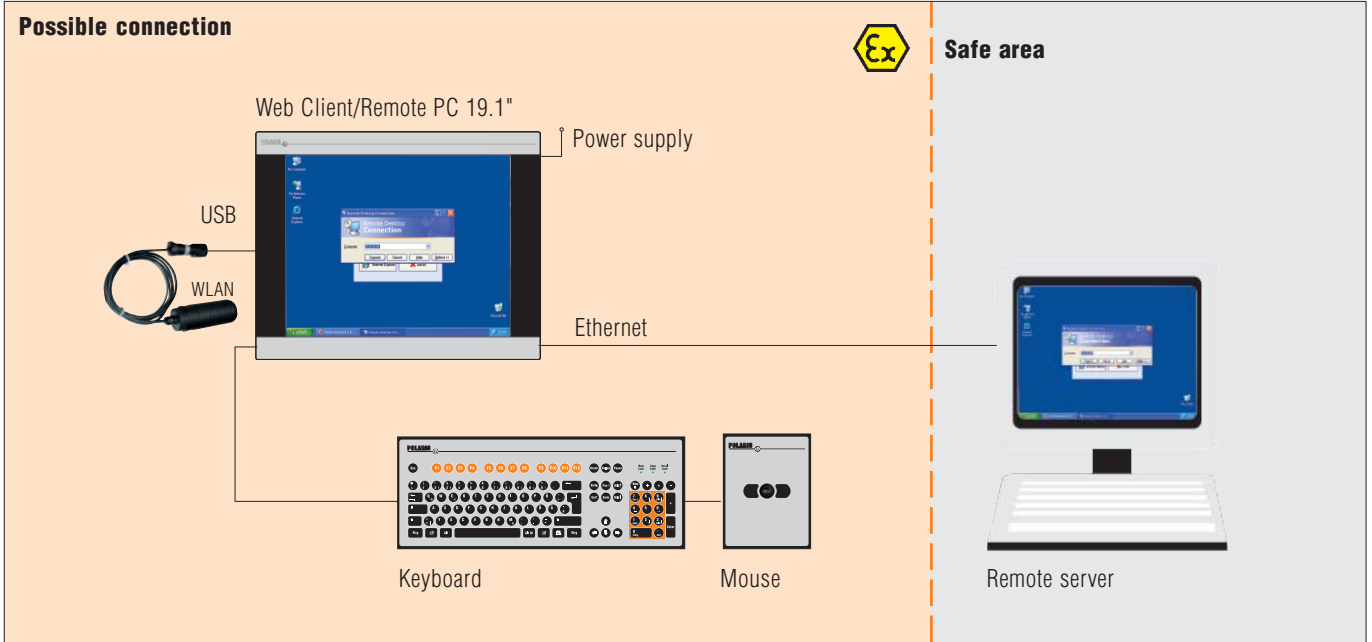
AC 90 V to 253 V

Max. power consumption

P_{max.} < 50 W



POLARIS REMOTE POLARIS Web Client/Remote PC 19.1"



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.