

POLARIS Web Client/ Remote PC 15"

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 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. It is possible to connect an intrinsically safe keyboard as well as a mouse, trackball and touchpad. The optional (intrinsically safe) touch screen offers the optimum in operating comfort.

Explosion protection

Ex protection type

- Ex II 2G Ex e q [ib] IIC T4
- Ex II 2D Ex tD A21 IP6X T80 °C

Certification

IBExU05ATEX1117 X

Protection class

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

Technical data

Display

- 15" TFT graphic display
- 16.7 Mio. colours
- VGA resolution 1024 x 768 pixels
- Brightness up to 350 cd/m²
- Visible area approx. 304 x 228 mm
- Contrast 700:1
- Antireflection coating glass pane
- Optional touch screen

Backlight illumination

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

Computer capacity

Windows® XP Embedded (pre-installed)

Dimensions (width x height x depth)

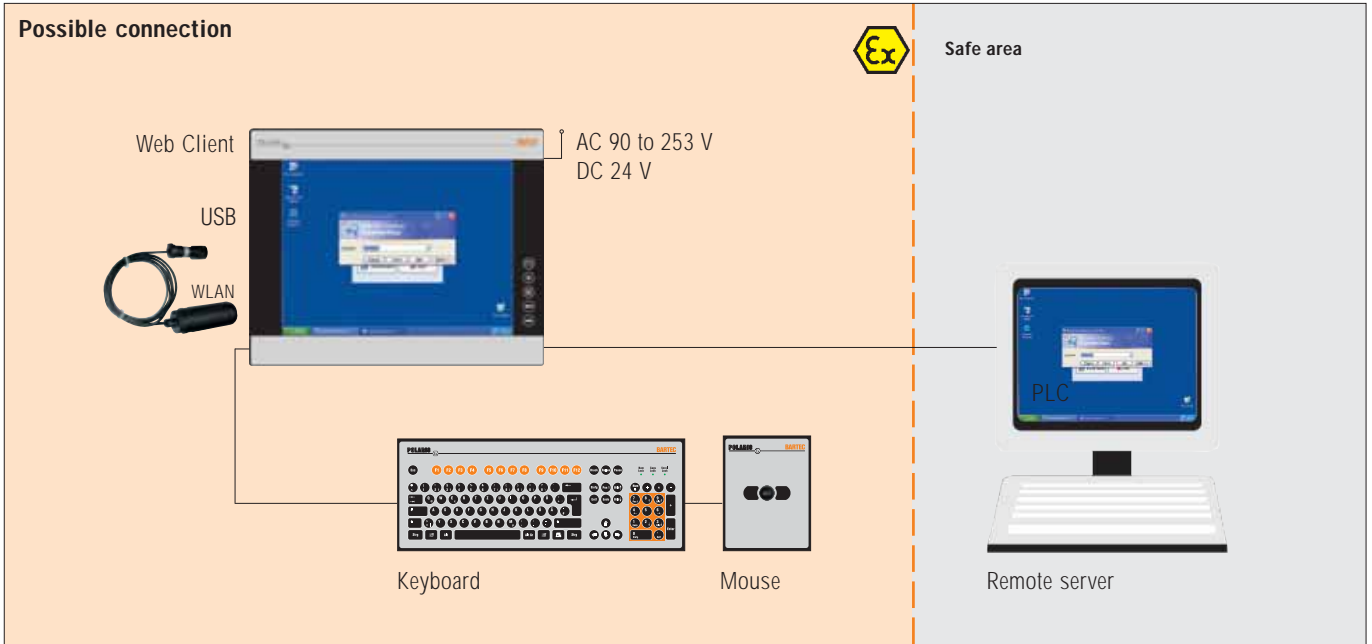
411 mm x 332 mm x approx. 135 mm

Wall cut-out

394.5 mm x 315.5 mm + 0.5 mm

Weight

Approx. 23 kg



Supply voltage

DC 24 V
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

$P_{max} < 30 \text{ W}$

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 15" without touch screen	4	AC 90 up to 253 V	00
Web Client 15" with touch screen	6	DC 24 V	01

➔ **Complete order no. 17-71V3-**

Please insert correct code. Technical data subject to change without notice.