

Polaris - Remote DATASHEET

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POLARIS Remote 15"

Features

- Easy front panel fitting
- Graphic-capable TFT colour display
- Easy wiring
- Connection of standard PCs in non-hazardous areas
- Optional touchscreen
- Transmission through fibre optical waveguide or copper
- OSD menu, with setting keys on the front
- Reduction in costs by cascading several POLARIS remote devices to one PC

Description

The POLARIS Remote 15" unit by BARTEC is a display with keyboard and mouse with which a PC can be operated in safe areas of hazardous areas.

Distances of up to 10,000 m are possible.

POLARIS Remote 15" offers the user the possibility of using any currently available PC-based process control system, without any restrictions in the Ex area.

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



The screen of the Remote 15" is a TFT display with an XGA resolution and is characterised by its excellent brilliance and a very large reading angle.

Intrinsically safe input devices can be connected also. Optionally, a touchscreen (intrinsically safe), assuring an absolutely maximum operator convenience, is available.

Connection in the safe area is realized via a local unit. (Included in delivery)

➤ Explosion protection

Ex protection type

ATEX  II 2G Ex eb qb [ib op pr] IIC T4
 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

- 15" graphic-capable TFT colour display
- 262,144 million colours
- XGA resolution 1024 x 768 pixels
- Brightness 350 cd/m²
- Visible area approx. 304 x 228 mm
- Contrast 400:1
- Antireflection coating glass pane
- Optional touchscreen

Backlight illumination

- CFL technology
- Service life approx. 50,000 hours (at +25 °C)

Connection to the PC

- Connection to VGA
- PS/2 keyboard und PS/2 mouse port
- via cable STP/S; 4 x 2 x 23 AWG optionally via fibre optic

Requirement to the base station

Keyboard and mouse with a PS/2connector; VGA connection or graphics card with the following technical data:

- VGA, SVGA, XGA, SXGA resolution
- Vertical sync frequency 60 to 75 Hz

Transmission distance

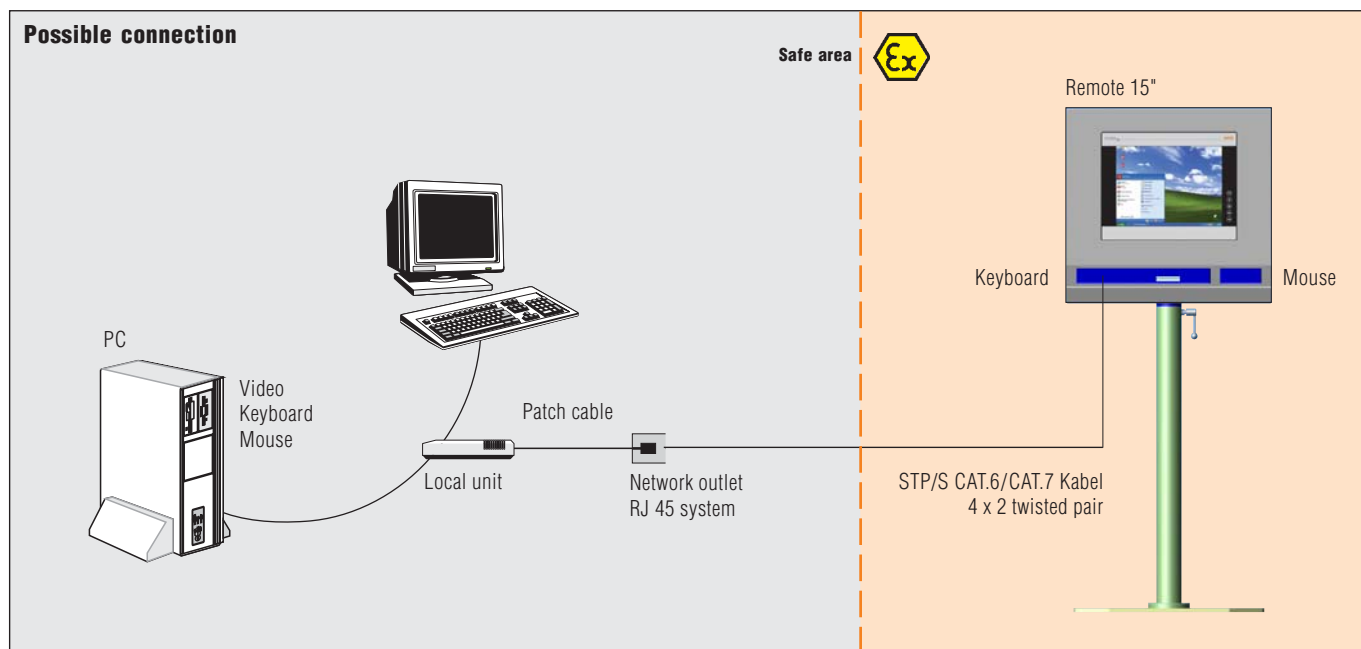
- bis zu 300 m bei STP/S Kupferkabel
- Up to 400 m via 50 µm multi-mode fibre optic cable
- Up to 10,000 m via 9 µm single-mode fibre optic cable (on request)

Power supply

AC 90 up to 253 V, 50 up to 60 Hz
DC 24 V ± 10 % on request

Max. power consumption

P_{max.} < 60 W



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

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

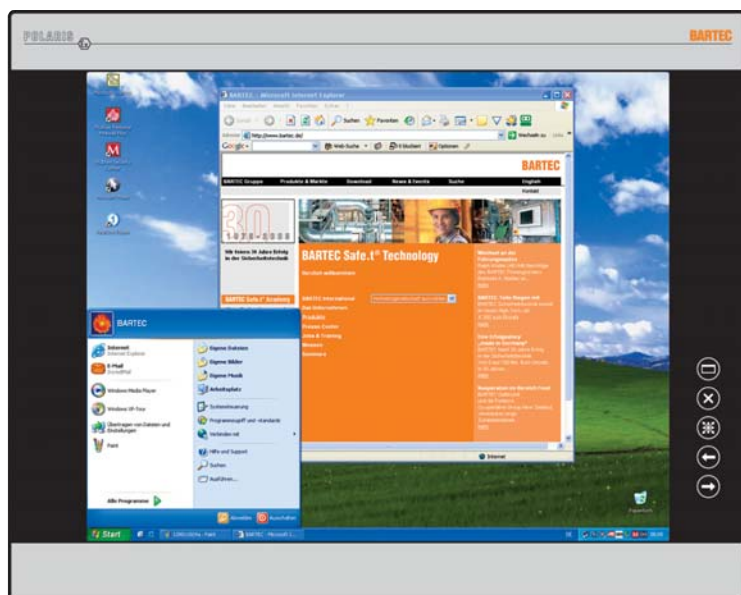
0.7 G/1 mm; 5 Hz - 500 Hz pulse in
all 3 axes

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



POLARIS Remote 19.1"

Features

- Easy front panel fitting
- Graphic-capable TFT colour display
- Easy wiring
- Connection of standard PCs in non-hazardous areas
- Optional touchscreen
- Transmission through fibre optical waveguide or copper
- OSD menu, with setting keys on the front
- Reduction in costs by cascading several POLARIS remote devices to one PC

Description

The POLARIS Remote 19.1" unit by BARTEC is a display with keyboard and mouse with which a PC can be operated in safe areas of hazardous areas.

Distances of up to 10,000 m are possible.

POLARIS Remote 19.1" offers the user the possibility of using any currently available PC-based process control system, without any restrictions in the Ex area.

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

The screen of the Remote 19.1" is a TFT display with an SXGA resolution and is characterised by its excellent brilliance and a very large reading angle.

Intrinsically safe input devices can be connected also. Optionally, a touchscreen (intrinsically safe), assuring an absolutely maximum operator convenience, is available.

Connection in the safe area is realized via a local unit. (Included in delivery).

➤ Explosion protection

Ex protection type

ATEX Ex II 2G Ex 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 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. 40,000 hours (at +25 °C)

Connection to the PC

- Connection to VGA
- PS/2 keyboard and PS/2 mouse port
- via cable STP/S; 4 x 2 x 23 AWG optionally via fibre optic cable

Requirement to the base station

Keyboard and mouse with a PS/2 connector; VGA connection or graphics card with the following technical data:

- VGA, SVGA, XGA, SXGA resolution
- Vertical sync frequency 60 to 75 Hz

Transmission distance

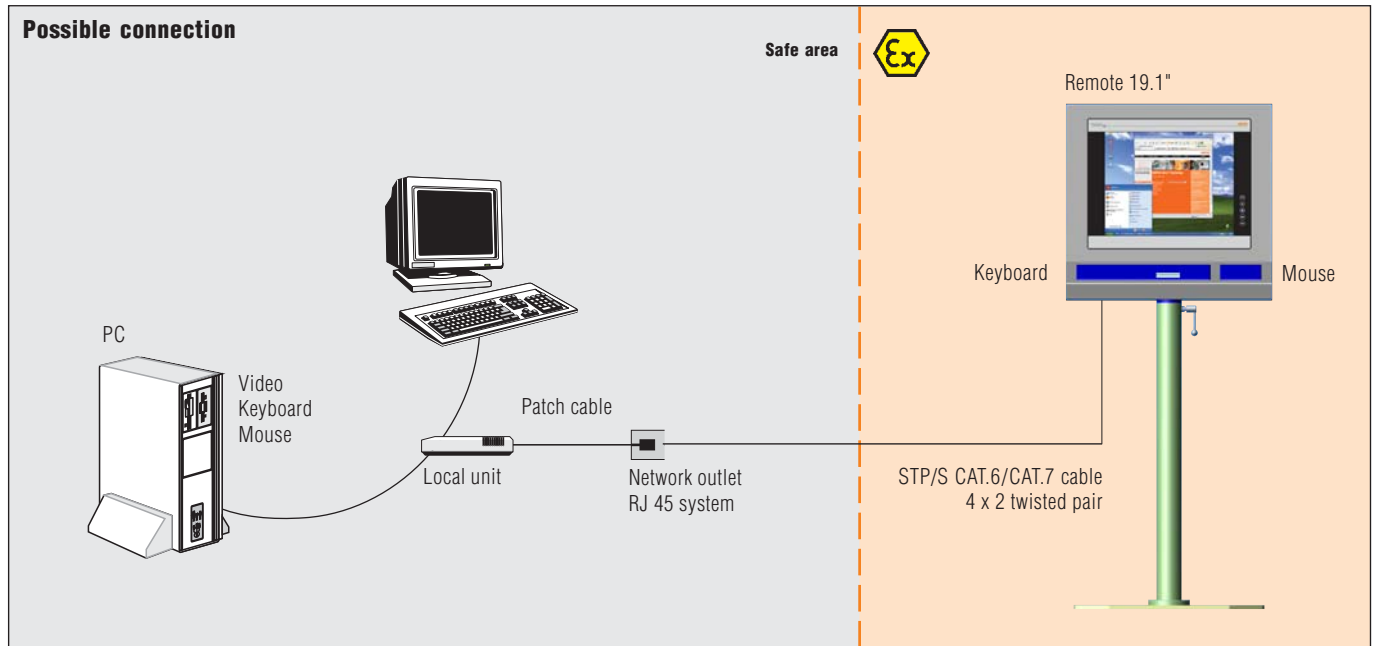
- up to 300 m via STP/S copper cable
- up to 400 m via 50 µm multi-mode fibre optic cable
- up to 10,000 m via 9 µm single-mode fibre optic cable (on request)

Power supply

AC 90 up to 253 V, 50 up to 60 Hz
DC 24 V ± 10 % on request

Max. power consumption

P_{max.} < 60 W



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

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

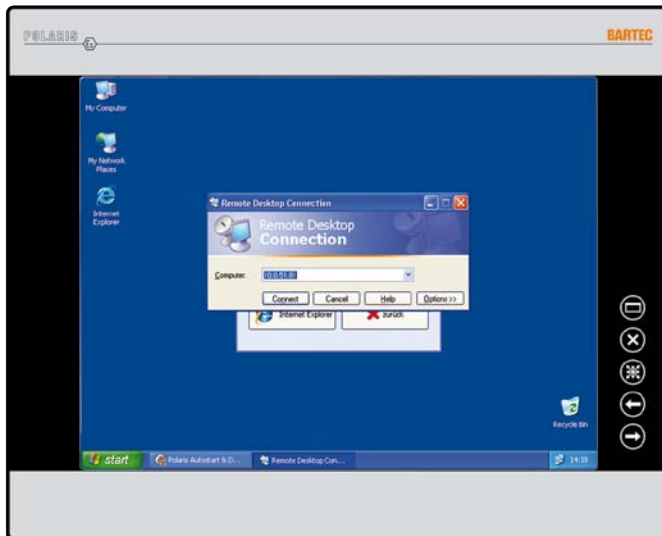
Humidity
5 to 95 % non-condensing

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 bichromatiert



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/Remote PC 15" 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  II 2G Ex db eb qb [ib op pr] IIC T4
 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

- 15" graphic-capable TFT colour display
- 16.7 Mio. colours
- XGA 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 touchscreen

Backlight illumination

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

Computer capacity

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)

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 ± 10 %

AC 100 to 230 V, 50 to 60 Hz

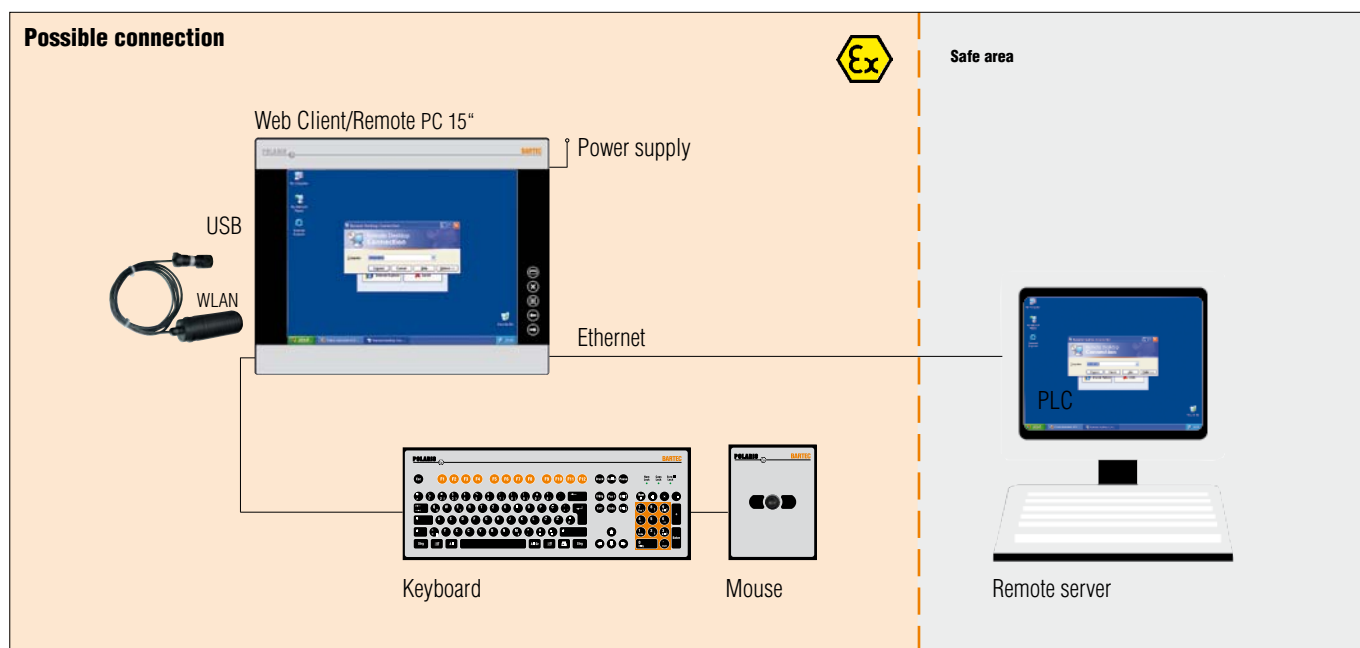
Input voltage range

DC 24 V ± 10 %

AC 90 V to 253 V

Max. power consumption

P_{max.} < 30 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

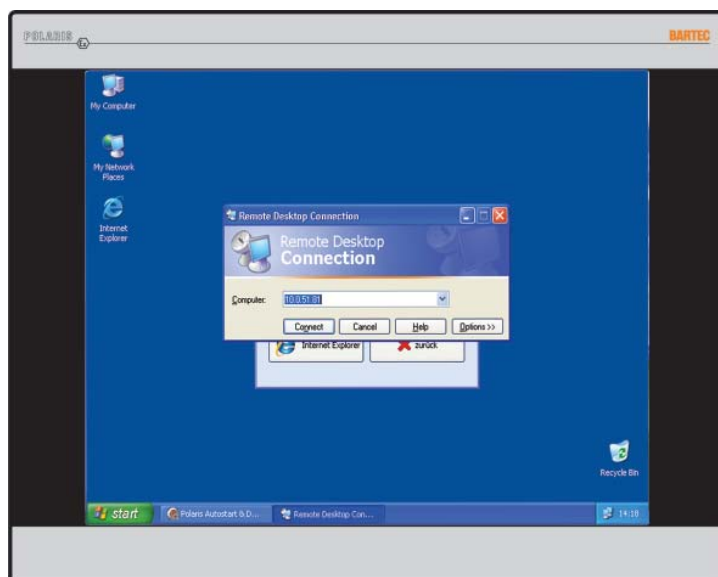
Shock

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



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  II 2G Ex db eb qb [ib op pr] IIC T4
 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

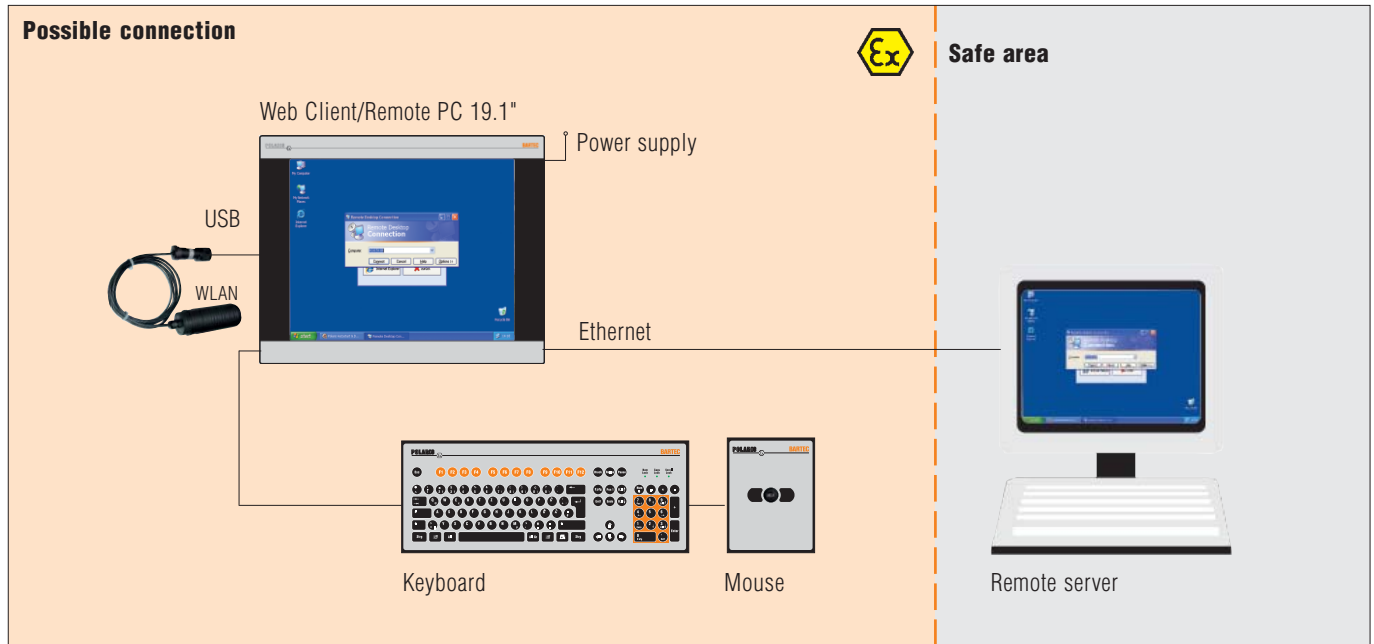
DC 24 V ± 10 %
AC 100 to 230 V, 50 to 60 Hz

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



POLARIS II Remote 19.1"

for ATEX Zone 2 and ATEX Zone 21/22

Features

- In the stainless enclosure tiltable
- Graphics-capable TFT colour display
- Simple wiring
- Connection of standard PCs in non-hazardous areas
- Optional touchscreen
- Transmission through fibre optical waveguide or copper
- Cost reduction by cascading several POLARIS II Remote devices to one PC

Description

The POLARIS II Remote 19.1" from BARTEC is a display which enables a PC to be operated in safe areas of hazardous areas.

Distances of up to 300 m are possible.

POLARIS II Remote 19.1" allows the user the possibility of utilising any currently available PC-based process control systems without restrictions in the Ex areas.

On request the devices are also available as turn-key system solutions in a stainless steel enclosure for wall, floor or table mounting.

The screen on the POLARIS II Remote 19.1" is a TFT display with SXGA resolution and is characterised by its outstanding brilliance and a very large reading angle.

A keyboard with integrated trackball or touchpad is available. An optional touch screen offering the ultimate in operating ease is also obtainable.

Linking in the safe area is established through a local unit (included in the scope of supply).

Explosion protection

Zone 2

Ex protection type

Ex II 3G Ex nA IIC T5

Certification

IBExU 09 ATEX B009

Zone 21/22

Ex protection type

Ex II 2D Ex tD A21 IP65 T100 °C
-25 °C ≤ T_a ≤ +50 °C

Certification

IBExU 09 ATEX 1113 X

Further approval

GOST-R

Protection class

IP 65

Technical data

Construction

Stainless steel enclosure

Display

- 19.1" graphics-capable TFT colour display
- 16.7 million colours
- SXGA resolution, 1280 x of 1024 pixels
- Brightness 300 cd/m²
- Visible surface approx. 376 x 301 mm
- Contrast 1300:1
- Option of touchscreen (resistive)

Backlighting

- CFL technology
- Service life approx. 40.000 hours (at +25 °C)

Connection to the PC

- Direct connection to VGA,
- PS/2 keyboard and PS/2 mouse connection
- via cable STP/S; 4 x 2 x 23 AWG

Conductor length

- STP/S copper cable
- up to 300 m

Dimensions (width x height x depth)

610 mm x 450 mm x approx. 100 mm

Weight

approx. 17 kg

Rated voltage

AC 110 to 230 V, 47 to 63 Hz
DC 24 V

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

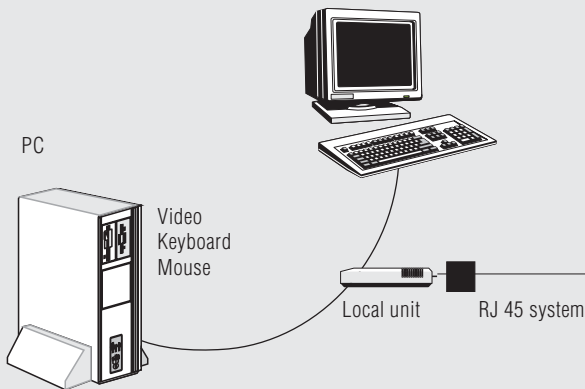
Optional accessories

- Keyboard with integrated trackball 38 mm
- Keyboard with integrated trackball 50 mm
- Keyboard with integrated touchpad



Possible connection

Safe area



STP/S CAT.6/CAT.7 cable
4 x 2 twisted pair





POLARIS II REMOTE 22"

for ATEX Zone 2 and ATEX Zone 21/22

Features

- In the stainless enclosure tiltable
- Graphics-capable TFT colour display
- Simple wiring
- Connection of standard PCs in non-hazardous areas
- Optional touchscreen
- Transmission through fibre optical waveguide or copper
- Cost reduction by cascading several POLARIS II Remote devices to one PC

Description

The POLARIS II Remote 22" from BARTEC is a display which enables a PC to be operated in safe areas of hazardous areas.

Distances of up to 200 m are possible.

POLARIS II Remote 22" allows the user the possibility of utilising any currently available PC-based process control systems without restrictions in the Ex areas.

On request the devices are also available as turn-key system solutions in a stainless steel enclosure for wall, floor or table mounting.

The screen on the POLARIS II Remote 22" is a TFT display with WSXGA+ resolution and is characterised by its outstanding brilliance and a very large reading angle.

A keyboard with integrated trackball or touchpad is available. An optional touch screen offering the ultimate in operating ease is also obtainable.

Linking in the safe area is established through a local unit (included in the scope of supply).

➤ Explosion protection

Zone 2

Ex protection type

Ex II 3G Ex nA IIC T5

Certification

IBExU 09 ATEX B009

Zone 21/22

Ex protection type

Ex II 2D Ex tD A21 IP65 T100 °C
-25 °C ≤ T_a ≤ +50 °C

Certification

IBExU 09 ATEX 1113 X

Further approvals

GOST-R

Protection class

IP 65

➤ Technical data

Construction

Stainless steel enclosure

Display

- 22" graphics-capable TFT colour display
- 16.7 million colours
- WSXGA+ resolution, 1680 x 1050 pixels
- Brightness 300 cd/m²
- Visible surface approx. 474 x 296 mm
- Contrast 600:1
- Option of touchscreen (resistive)

Backlighting

- CFL technology
- Service life approx. 50,000 hours (at +25 °C)

Connection to the PC

- Direct connection to VGA,
- PS/2 keyboard and PS/2 mouse connection
- through STP/S cable; 4 x 2 x 23 AWG

Conductor length

- STP/S copper cable
- up to 200 m

Dimensions (width x height x depth)

610 mm x 450 mm x approx. 100 mm

Weight

approx. 17 kg

Rated voltage

AC 110 to 230 V, 47 to 63 Hz
DC 24 V

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

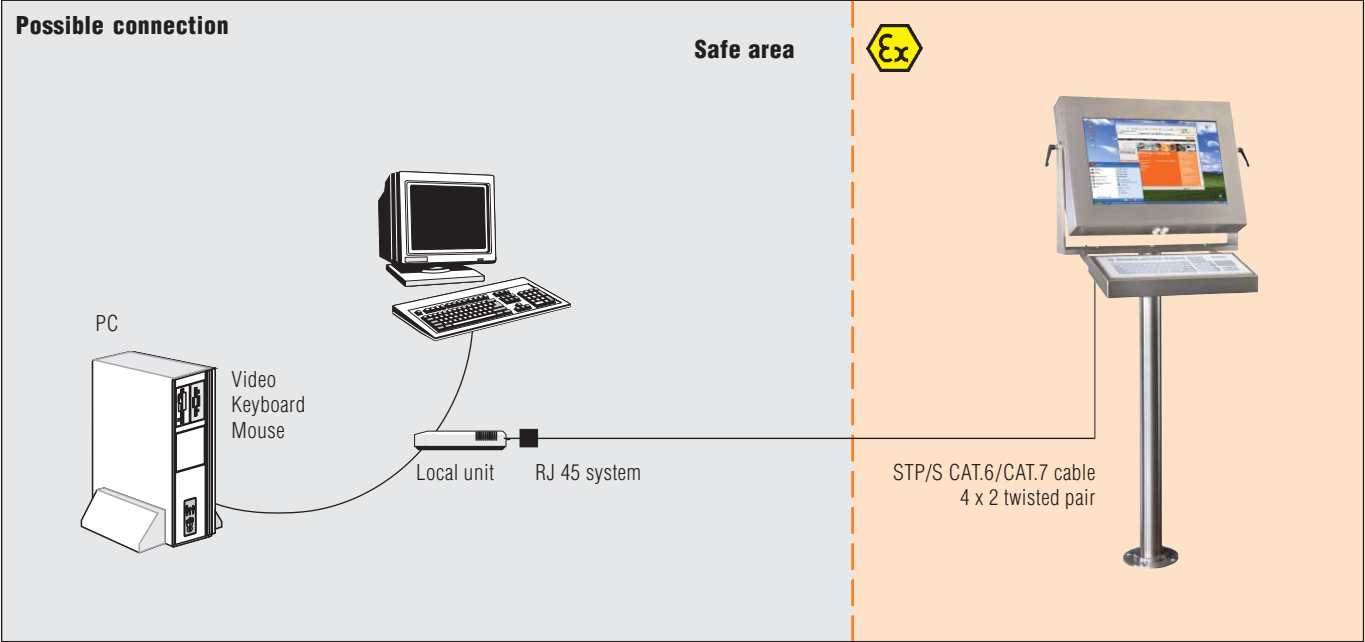
5 to 95 % non-condensing

Material

Stainless steel

Optional accessories

- Keyboard with integrated trackball 38 mm
- Keyboard with integrated trackball 50 mm
- Keyboard with integrated touchpad





POLARIS Remote 24"

Features

- ☐ Easy front panel fitting
- ☐ Full HD resolution
- ☐ Easy wiring
- ☐ Connection of standard PCs in non-hazardous areas
- ☐ Optional touchscreen
- ☐ Transmission through fibre optical waveguide or copper
- ☐ OSD menu, with setting keys on the front

Description

The POLARIS Remote 24" unit by BARTEC is a display with keyboard and mouse with which a PC can be operated in safe areas of hazardous areas.

Distances of up to 10,000 m are possible.

POLARIS Remote 24" offers the user the possibility of using any currently available PC-based process control system, without any restrictions in the Ex area.

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



The screen of the Remote 24" is a TFT display with an Full HD resolution and is characterised by its excellent brilliance and a very large reading angle.

Intrinsically safe input devices can be connected also. Optionally, a touchscreen (intrinsically safe), assuring an absolutely maximum operator convenience, is available.

Connection in the safe area is realized via a local unit. (Included in delivery).

➤ Explosion protection

Ex protection type

ATEX  II 2G Ex eb qb [ib op pr] IIC T4
 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

- 24" graphic-capable TFT colour display
- 16.7 million colours
- Full HD resolution 1920 x 1080 pixels
- Brightness 300 cd/m²
- Visible area approx. 531 x 299 mm
- Contrast 3000:1
- Antireflection coating glass pane
- Optional touchscreen

Backlight illumination

- LED technology
- Service life approx. 50,000 hours (at +25 °C)

Connection to the PC

- with local unit (plug & play)
- by means of STP/S cables 4 x 2 x 23 AWG
 - 1 x DVI in
 - 1 x DVI out (local monitor)
 - 1 x USB for keyboard/mouse/touchscreen and option of hand-held scanner

Cable length

- up to 100 m of STP/S copper cable on request
- up to 300 m of STP/S copper cable
- up to 400 m of 50 µm multi-mode
- up to 10 000 m of 9 µm single-mode

Power supply

AC 90 up to 253 V, 50 up to 60 Hz
DC 24 V ± 10 % on request

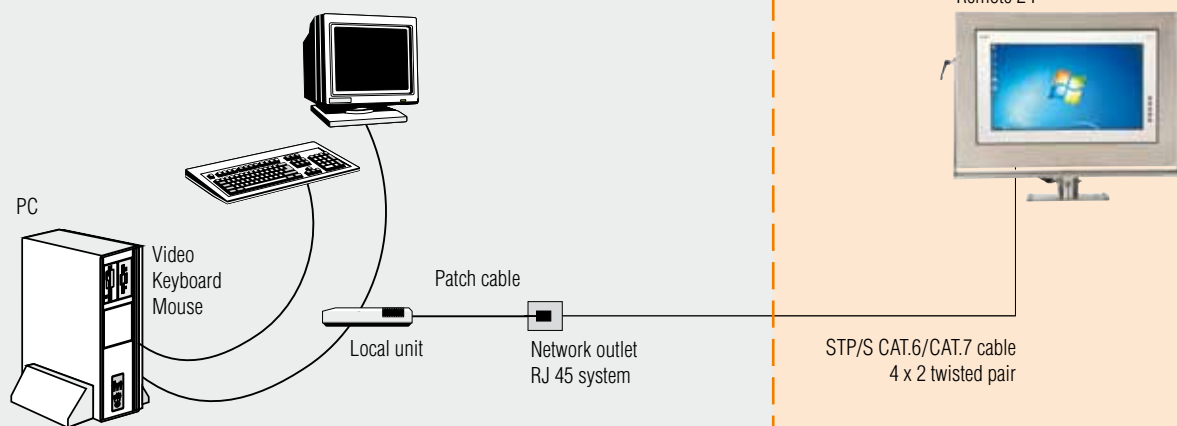
Max. power consumption

$P_{max.} < 60 \text{ W}$



Possible connection

Safe area



Dimensions (width x height x depth)
644 mm x 406 mm x approx. 135 mm

Wall cut-out
630 mm x 392 mm + 0.5 mm

Weight
approx. 40 kg

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

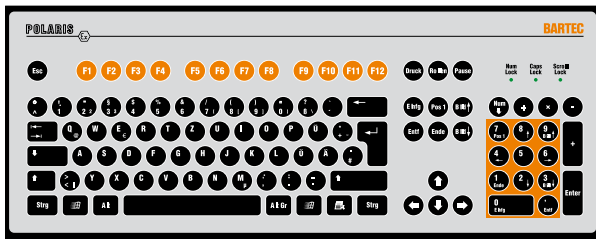
Humidity
5 to 95 % non-condensing

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



Keyboard

Features

- Easy front panel fitting
- Modular construction

Description

The intrinsically safe keyboard and the mouse variants are intended for POLARIS Professional and POLARIS Remote for zone 1 and 2 and for zone 21 and 22.

They are connected directly to the POLARIS Panel PC or POLARIS Remote. The chemically resistant polyester foil is easy to clean and resistant to a lot of aggressive fluids. The keyboard is available in various languages. A stainless steel desktop housing for the keyboard and mouse is available as an optional accessory.



Enclosure for mouse and keyboard

Explosion protection

Ex protection type ATEX Ex II 2G Ex ib IIC T4
 Ex II 2D ib IIIC T120 °C IP 6X

Certification IExU 05 ATEX 1117 X

IECEX Ex ib IIC T4
Ex ib IIIC T120°C IP 6X

Certification IECEX IBE 11.0007 X

Further approvals INMETRO, GOST-R

Protection class IP 65

Technical data

Construction Front panel fitting

Material Polyester foil on aluminium sheet
(conditionally UV-resistant)

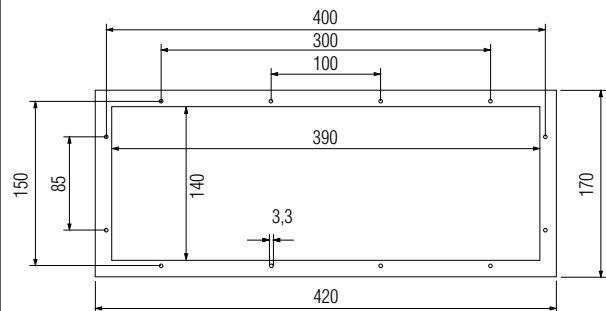
Dimensions 420 mm x 170 mm (width x height)

Wall cut-out 390 mm x 140 mm

Installation depth 18 mm

Weight approx. 700 g

Dimensions and wall cut-out for keyboard (in mm)



all hole diameter: 3.3 mm

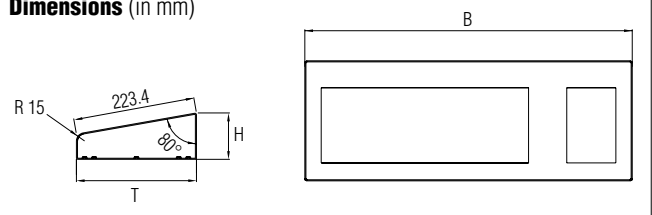
Technical data

Material Stainless steel 1.4301; AISI 304

Dimensions 600 mm x 85 mm x 220 mm (B x H x T)












Protection class IP 65

Dimensions (in mm)






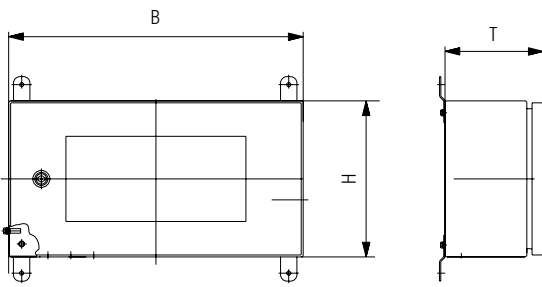


Selection chart Accessories

Illustration	Description	
	Connection cable for keyboard and mouse keyboard and mouse 1.8 m keyboard and mouse 3.0 m keyboard and trackball/joystick 1.8 m keyboard and trackball/joystick 3.0 m keyboard and touchpad 1.8 m keyboard and touchpad 3.0 m	
	Reinforcement frame Remote 12.1" Remote 15" Remote 19.1"	
	Mounting clamps set 4 pieces 6 pieces	
	Label strip white DIN A4 sheet, for laser printer	
	LAN STP cable CAT.7 4 x 2 x 23 AWG, outer diameter: 7.9 mm CAT.7 4 x 2 x 22 AWG, outer diameter: 18 mm; armoured Note: Additional cable glands for armouring necessary	
	Power pack for Local Unit for CAT cable with keyboard usage for CAT cable without keyboard usage for fibre optic cable	
	19" Rack mounting for Local unit with CAT cable with fibre optic cable	
	USB to PS/2 converter for mouse and keyboard Non Ex	
	Local Unit/STP cable Black Box brand with RS232 interface without RS232 interface	
	Local Unit/STP cable IHSE brand with RS232 interface	
	KVM cable VGA, PS/2 keyboard, PS/2 mouse, Length: 3 m VGA, AT keyboard; serial mouse, Length: 3 m	
	Original packing Remote 12.1" Remote 15" Remote 19.1"	



Selection chart stainless steel enclosure "Standard"





Illustration	Description	
  	<p>Stainless steel enclosure "Standard"</p> <p>Technical data</p> <p>Material Stainless steel 1.4404; AISI 316 L</p> <p>Surface Brushed</p> <p>Protection class IP 65</p> <p>■ for floor mounting with stand for ATEX Zone 1</p> <p style="text-align: right;">Dimensions in mm (B x H x T)</p> <p>Remote 12.1" 600 x 350 x 200</p> <p>Remote 15" 650 x 500 x 210</p> <p>Remote 19.1" 760 x 600 x 210</p> <p>Complete solution with installed equipment</p> <p>■ for wall mounting including mounting straps for ATEX Zone 1</p> <p style="text-align: right;">Dimensions in mm (B x H x T)</p> <p>Remote 12.1" 600 x 350 x 200</p> <p>Remote 15" 650 x 500 x 210</p> <p>Remote 19.1" 760 x 600 x 210</p> <p>Complete solution with installed equipment</p> <div style="text-align: center;">  <p>1 mounting strap for wall mounting</p> </div> <p>■ Special version for ATEX Zone 1 and Zone 21</p> <p>for floor mounting with stand</p> <p>for wall mounting with or without support arm</p> <p>with additional components</p> <ul style="list-style-type: none"> ■ possible assembly: switch modules and/or heating ■ for wall mounting with mounting straps or support arm as well as for floor mounting with stand 	



Selection chart Stainless steel enclosure "Exklusiv II"

Technical drawing of the TV set showing front and side views. The front view includes dimensions B (width) and H (height). The side view includes dimension T (depth).

**Selection chart stainless steel enclosure “Exklusiv II”/Accessories**

Illustration	Description													
	<p>Stainless steel enclosure “Exklusiv II”</p> <p>Technical data</p> <table><tr><td>Material</td><td>Edelstahl 1.4301; AISI 304</td></tr><tr><td>Surface</td><td>Grinded; grit 240</td></tr><tr><td>Protection class</td><td>IP 65</td></tr></table> <p>■ Special enclosure for table mounting without brackets for ATEX Zone 1 and Zone 2</p> <p>■ up to seven switch modules</p> <table><tr><td></td><td>Dimensions in mm (B x H x T)</td></tr><tr><td>Remote 15"</td><td>650 x 720 x 572</td></tr><tr><td>Remote 19.1"</td><td>650 x 720 x 572</td></tr></table> <p>Complete solution with installed equipment</p>	Material	Edelstahl 1.4301; AISI 304	Surface	Grinded; grit 240	Protection class	IP 65		Dimensions in mm (B x H x T)	Remote 15"	650 x 720 x 572	Remote 19.1"	650 x 720 x 572	
Material	Edelstahl 1.4301; AISI 304													
Surface	Grinded; grit 240													
Protection class	IP 65													
	Dimensions in mm (B x H x T)													
Remote 15"	650 x 720 x 572													
Remote 19.1"	650 x 720 x 572													
	<p>Accessories for stainless steel enclosure “Exklusiv II”</p> <p>Desk mounting for stainless steel enclosure</p> <p>■ Material: Stainless steel DIN 1.4301</p> <p>■ swivel</p> <p>■ Height approx. 140 mm, Diameter 80 mm</p>													
	<p>Support arm</p> <p>■ Material: Stainless steel DIN 1.4301</p> <p>■ swivel</p> <p>■ Length: approx. 651 mm</p> <p>■ Ø 4 x 13.5 mm</p>													
	<p>Stand for floor mounting</p> <p>swivel fixed</p> <p>Technical data</p> <table><tr><td>Material</td><td>Stainless steel 1.4301; AISI 304</td></tr><tr><td>Dimensions</td><td></td></tr><tr><td>Stand</td><td>Height 935 mm Nominal diameter Ø 80 mm</td></tr><tr><td>Ground flange</td><td>Diameter Ø 200 mm Borehole Ø 4 x 13.5 mm</td></tr></table>	Material	Stainless steel 1.4301; AISI 304	Dimensions		Stand	Height 935 mm Nominal diameter Ø 80 mm	Ground flange	Diameter Ø 200 mm Borehole Ø 4 x 13.5 mm					
Material	Stainless steel 1.4301; AISI 304													
Dimensions														
Stand	Height 935 mm Nominal diameter Ø 80 mm													
Ground flange	Diameter Ø 200 mm Borehole Ø 4 x 13.5 mm													

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