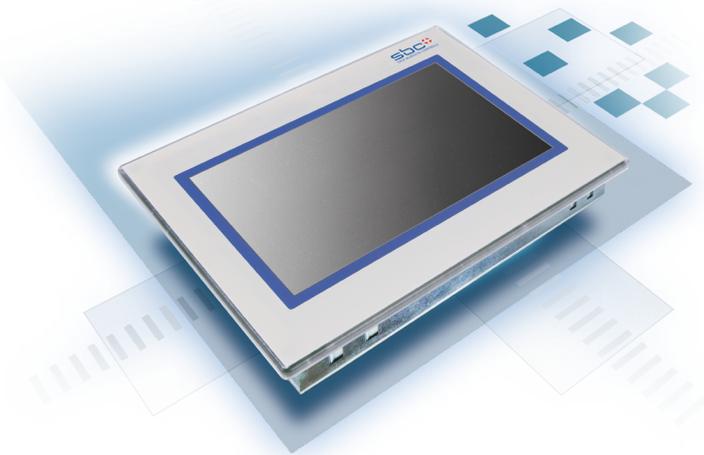


# Saia PCD MB Panel 7" TFT/ WVGA PCD7.D470WTPF



The 7" Micro Browser Web panel is designed for use in outdoor environments with an operating temperature range in between  $-20\text{ }^{\circ}\text{C}$  ...  $+70\text{ }^{\circ}\text{C}$ .

A high resolution of the display with  $800 \times 480$  pixels (WVGA) enables the customer to create sophisticated websites with the Saia PG5® Web Editor. The "wide screen" format factor for displays are often use for mobile devices like tablets or mobile phones. The user application created for this panel in the wide screen form factor is able to fill the display completely. The powerful CPU based on the ST-3 platform provides fast response and load times. In addition to a USB port, an Ethernet port is standard on the device. The high-quality displays with LED backlight as well as the materials of the case are selected for use in free and bright environments. All components used are UV resistant. So that the panel is well suited for use in outdoor areas VGA existing projects can be visualized without any change in the panel.

## Key Features

<p><b>Operating System</b> Saia PCD® COSinus with SBC Micro Browser</p>	<p><b>Screen Resolution</b> WVGA <math>800 \times 480</math> Pixel with Resistive Touch-Screen</p>	<p><b>Ethernet Interface</b> 10/100 Mbit/s, full duplex, Autosensing/crossing</p>
<p><b>Browser</b> SBC Micro-Browser</p>	<p><b>LED Backlight with adjustable contrast</b></p>	<p><b>Local µSD Card</b> User File System 128 MByte</p>

## Technische Daten

<b>Line Type</b>	<b>Base</b> PCD7.D470WTPF
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### Display

<b>Color</b>	65'536
<b>Display</b>	7.0" TFT
<b>Resolution/Pixel</b>	WVGA $800 \times 480$
<b>Touch-Screen</b>	4-wire Resistive
<b>Contrast adjustable</b>	Yes
<b>Backlight</b>	LED (dimnable in 20 stages)

### Processor

<b>Processor</b>	Coldfire CF5373L 240 MHz
<b>User File System</b>	128 MByte
<b>Real time clock (RTC)</b>	Yes with Super-Cap (100 h)

### Interfaces

<b>Ethernet RJ-45</b>	10/100 Mbit/s, full duplex Autosensing/crossing
<b>USB</b>	USB 1.1/2.0 Device

### Software-Tools

<b>Graphic editor</b>	Saia PG5® Web Editor
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### Data

<b>Supply voltage</b>	24 VDC $\pm 20\%$
<b>Current consumption</b>	350 mA
<b>Protection category (front)</b>	IP65
<b>Operating temperature</b>	$-20 \dots +70\text{ }^{\circ}\text{C}$
<b>Storage temperature range</b>	$-25 \dots +70\text{ }^{\circ}\text{C}$
<b>Dimensions (W x H x D) [mm]</b>	204 x 157 x 49
<b>Cut out (W x H) [mm]</b>	189 x 142

! For more details, see manual: 27-620\_ENG

## Communication and communications protocol

List of PCD models able to communicate with this panel:

Saia PCD® models with Ethernet (Saia PCD® COSinus Operating System)	direct http via Ethernet
PCD3.M5340 / M5360 / M5540 / M5560 / M6340 / M6360 / M6540 / M6560 / M6860	■
PCD3.M3120 / M3136 / M3330 / M3360	■
PCD3.M2130V6	■
PCD3.M2330	■
PCD2.M4160 / M4560 / M5540	■
PCD1.M2120 / M2160 / M2220-C15 / M0160E	■
PCD7.D443WT5R / D457VT5F / D410VT5F / D412DT5F	■

### WEEE Directive 2012/19/EC Waste Electrical and Electronic Equipment directive

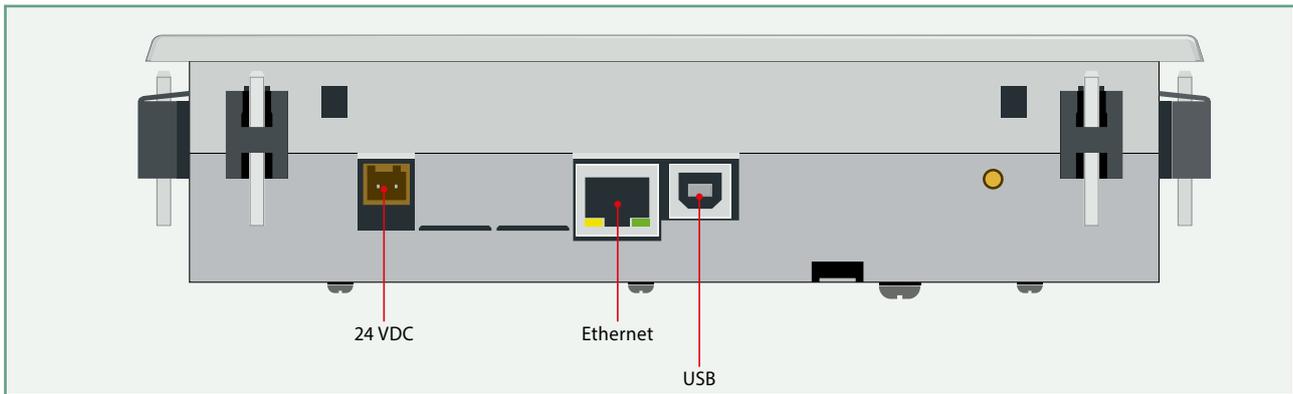


The product should not be disposed of with other household waste. Check for the nearest authorized collection centers or authorized recyclers. The correct disposal of end-of-life equipment will help prevent potential negative consequences for the environment and human health.

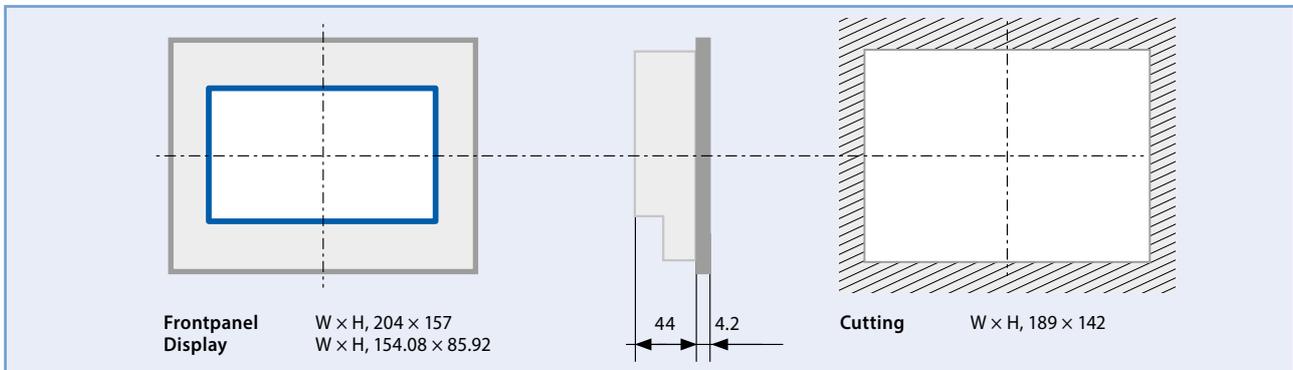


EAC Mark of Conformity for Machinery Exports to Russia, Kazakhstan or Belarus.

## Installation



## Dimensions (W × H × D) and Cutting (W × H) [mm]



## Order informations

Type	Description	Weight
<b>PCD7.D470WTPF</b>	Web panel with embedded Micro-Browser, 7.0" TFT WVGA 800 × 480 pixel, 65'536 colours with touch screen, LED backlight, flash memory on µSD, FTP Server, Ethernet	750 gr
<b>PCD7.D470WTPZ11</b>	Web panel with embedded Micro-Browser, 7.0" TFT WVGA 800 × 480 pixel, 65'536 colours with touch screen, LED backlight, flash memory on µSD, FTP Server, Ethernet (without SBC logo and code)	750 gr

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