



Web-based automation in practice Control & monitoring with standard browser, Saia® PCD Web-Panel and Saia® PCD controllers

Controls Division

Web capability takes control & monitoring beyond structural limits

- Whether for on-site, local control or networked visualization via distributed control nodes, Saia® PCD web technology and Saia® PCD Web-Panel PCs allow open control concepts to be implemented at a stroke, with no extra design, production or maintenance costs. Maximum flexibility is guaranteed by controllers and I/O stations with local web servers, and control stations with standard browsers for the visual display of process data.

Java-based visualization without run-time licences

- Animated visualization objects and dynamic web pages are quick and easy to create with the convenient S-Web-Editor. No special knowledge of Java or HTML is required. Attractive web pages are simply created by putting graphical elements in place and defining their parameters.

Robust Saia® PCD Web-Panel PCs – configured and ready to use

- Fanless design, no hard-disk and mechanically robust: Saia® PCD Web-Panel PCs with touch-screen are ideal for tough, industrial environment. Saia® PCD Web-Panel PCs also present themselves as ready-to-use, with Windows® CE or Windows® XP embedded already installed as an embedded operating system, alongside Java support and Internet Explorer.

Limitless communication: from point-to-point to Internet

- From simple, serial RS232 connections or modem links via Profibus-DP up to Ethernet TCP/IP networking and internet communication: connection is guaranteed.

Saia® PCD Web-Panel CE & eXP



Saia® PCD Web-Panel CE
PCD7.D5064TX010



Saia® PCD Web-Panel CE
PCD7.D5100TX010



Saia® PCD Web-Panel eXP
PCD7.D6120TM010



Saia® PCD Web-Panel eXP
PCD7.D6150TM010

Display [inch]	6,4"	10,4"	12"	15"
Technology / colours	TFT / 65000	TFT / 65000	TFT / 16.7 Mio	TFT / 16.7 Mio
Resolution / pixels	VGA / 640 × 480	VGA / 640 × 480	SVGA / 800 × 600	XVGA / 1024 × 768
Entry	Resistiv Touch	Resistiv Touch	Resistiv Touch	Resistiv Touch

CPU

Processor	XScale 400 MHz	XScale 400 MHz	Intel CELERON-M, 1 GHz	Intel CELERON-M, 1 GHz
RAM [Mbytes]	64	64	512	512
CFC Card Slot internal	-	-	1 with 1 GB Flash Card	1 with 1 GB Flash Card
CFC Card Slot external	1 with 64 MB Flash Card	1 with 64 MB Flash Card	1	1

Interfaces

Ethernet	1x 10/100 MBit (RJ45)	1x 10/100 MBit (RJ45)	2x 10/100 MBit (RJ45)	2x 10/100 MBit (RJ45)
USB	2x USB 1.1 Host	2x USB 1.1 Host	4x USB 2.0 Host	4x USB 2.0 Host
Serial	1x RS232	1x RS232	3x RS232	3x RS232
Keyboard / Mouse	-	-	2x PS/2	2x PS/2
External monitor	-	-	1x VGA	1x VGA

General

Power supply	24 VDC, ± 20% reverse battery protected	24 VDC, ± 20% reverse battery protected	24 VDC, ± 20% reverse battery protected	24 VDC, ± 20% reverse battery protected
Protection level front / back	IP65 / IP20	IP65 / IP20	IP65 / IP20	IP65 / IP20
Ambient temperature: operation / storage [°C]	0 ... +50 / -20 ... +60	0 ... +50 / -20 ... +60	0 ... +50 / -20 ... +60	0 ... +50 / -20 ... +60
Atmospheric humidity: operation / storage (non-condensing)	10 ... 75 % / 10 ... 95%	10 ... 75 % / 10 ... 95%	10 ... 75 % / 10 ... 95%	10 ... 75 % / 10 ... 95%
EMC	EN 61 000-6-2 EN 55 022	EN 61 000-6-2 EN 55 022	EN 61 000-6-2 EN 55 022	EN 61 000-6-2 EN 55 022
Approvals	CE	CE	CE	CE

Weights and measurements

External dimensions	215 × 160 mm	318 × 244 mm	364 × 296 mm	452 × 357 mm
mounting depth	68 mm	68 mm	88.5 mm	101.5 mm
Cutout section / tolerance	197 × 142 mm / ± 1 mm	303 × 229 mm / ± 1 mm	344 × 276 mm / ± 1 mm	429 × 334 mm / ± 1 mm
Weight	ca. 1 kg	ca. 2.8 kg	ca. 6.2 kg	ca. 8.3 kg

Operating system and browser (inc.)

Operating system	Windows® CE 5.0 (.NET)	Windows® CE 5.0 (.NET)	Windows® XP embedded	Windows® XP embedded
Browser	MS Internet Explorer Saia® Micro-Browser	MS Internet Explorer Saia® Micro-Browser	MS Internet Explorer	MS Internet Explorer
Java Runtime Environment	yes	yes	J2RE Standard Edition	J2RE Standard Edition
(Java Virtual Machine)	yes	yes	1.4.2_X	1.4.2_X

Software tool and driver

Web-Connect

Communications driver for connection between Saia® PCD Web-Panel and PCD3 controllers as well as remote I/O-stations (RIO)

Web-Editor

Graphical software tool for generating Java-based web pages

More information, see below:

www.saia-burgess.com/webserver_en

System Information S-Web, P+P26/428

Saia-Burgess Controls Ltd.

Bahnhofstrasse 18 | CH-3280 Murten | Switzerland

T 026 672 71 11 | F 026 672 74 99

www.saia-pcd.com | pcd@saia-burgess.com

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