sbc✚
SAIA BURGESS CONTROLS

Wall mounting set for Windows CE and eXP based Web-Panels

- ▶ Preconfigured and ready to use for web visualization, optimized for Saia PCD® controllers
- ▶ 10"/12"/15" colour TFT display with 16.7 million colours and touch control
- ▶ AMD Geode LX800 processor
- ▶ 2× Ethernet
- ▶ Without fan or hard drive

Web-Panels from the LX800 family with Windows CE and eXP (series PCD7.D51xxTL010 and PCD7.D61xxTL010) may also be obtained in the form of a practical wall mounting set. A total of 6 types are therefore available in display sizes from 10" to 15" – optionally with Windows CE or eXP – for easy mounting within buildings. The set is equally suitable for use with either drywall or solid wall construction. The Web-Panels' technical specification matches that of standard versions PCD7.D51xxTL010 and PCD7.D61xxTL010; only the internal slot for an added CFC compact-flash card has been omitted. Mechanical dimensions have been adapted to enable optimum installation within buildings.

General details

Display / handling

- ▶ SVGA / XGA resolution
- ▶ TFT technology
- ▶ Mounting positions: portrait or landscape

Communication

- ▶ 2× Ethernet
- ▶ Serial RS-232
- ▶ 2× USB client
- ▶ PS/2

Processor / server / OS

- ▶ AMD Geode LX800 processor
- ▶ Web server
- ▶ FTP server
- ▶ File server
- ▶ Windows CE 6.0 / Windows XP embedded
- ▶ CFC 2 GByte

Software tool

- ▶ Saia PG5® Web-Editor

Browsers

- ▶ SBC Micro-Browser (PCD7.D51xxTL010)
- ▶ Applet-Viewer (PCD7.D51xxTL010)
- ▶ Internet Explorer

A wall mounting set consists of three components:

Wall mounting box

▶ Metal box with cable entries
▶ For drywall and solid wall construction
▶ For 10", 12" and 15" Web-Panels

10"	Q.LIWBox-100M	
12"	Q.LIWBox-100M	
15"	Q.LIWBox-100M	

Open-frame Saia PCD® Web-Panel

▶ 10", 12" and 15" Web-Panel
▶ Windows CE and Windows eXP

WinCE	10"	PCD7.D5100TLW10
WinCE	12"	PCD7.D5120TLW10
WinCE	15"	PCD7.D5150TLW10
Win eXP	10"	PCD7.D6100TLW10
Win eXP	12"	PCD7.D6120TLW10
Win eXP	15"	PCD7.D6150TLW10
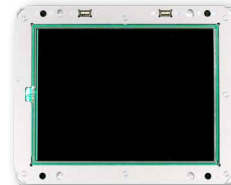
Face frame

▶ Standard aluminium face frame
▶ Support for individually designed face frames

Support	10"	Q.LIWFrm-100-01
Support	12"	Q.LIWFrm-120-01
Support	15"	Q.LIWFrm-150-01
Alu minium	10"	Q.LIWFrm-100-02
Alu minium	12"	Q.LIWFrm-120-02
Alu minium	15"	Q.LIWFrm-120-02

Alongside the standard aluminium frame, a basic support is also available with the necessary spring bolts. A wide variety of materials (wood, metal, glass or stone) can be fitted onto it individually to match the building interior.

Standard face frame in aluminium with metal support

Wide range of materials possible: stone, wood, glass, etc.
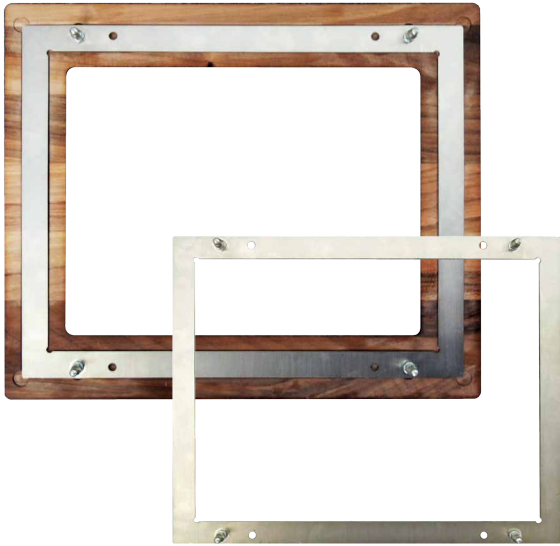
Metal support to receive custom face frame

Spring bolts for snapping securely onto Web-Panel

Mounting holes
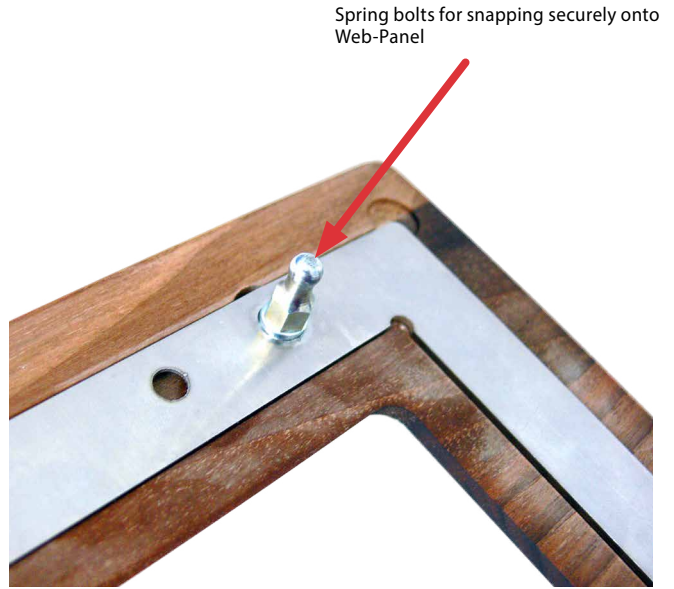
4x cable entries

Integral water level for easy, exact mounting

In-box mounting post-alignment

USB interfaces accessible from front
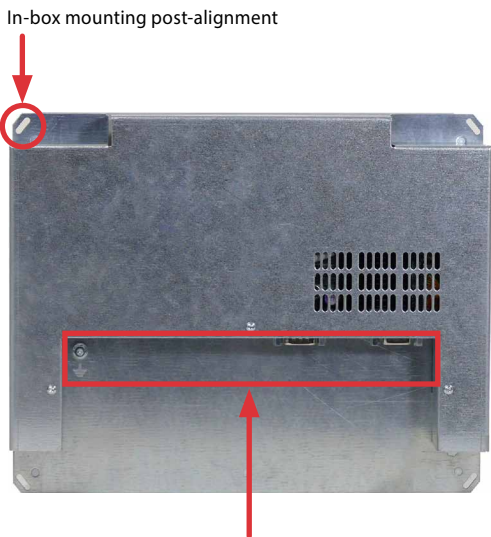
Connections for LAN, USB, power supply, etc. at back

▶ Space-saving cable outlet below
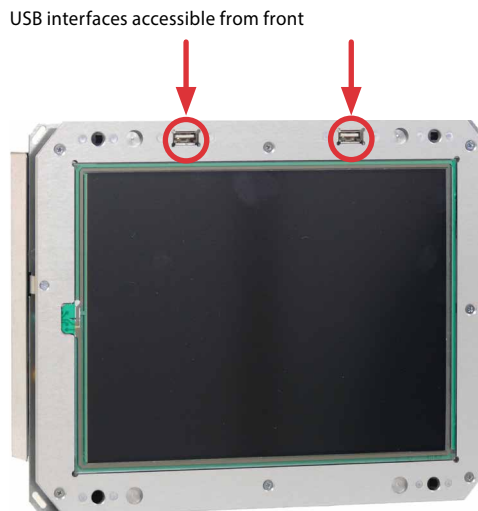
Specifications
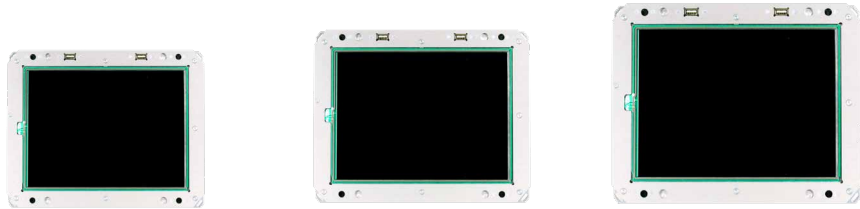
	PCD7.D5100TLW10	PCD7.D5120TLW10	PCD7.D5150TLW10
Display (inches)	10.4"	12.1"	15"
Technology / colours	TFT / 16.7 million	TFT / 16.7 million	TFT / 16.7 million
Resolution / pixels	SVGA 800 × 600	SVGA 800 × 600	XGA 1024 × 768
Input	Resistive touchscreen	Resistive touchscreen	Resistive touchscreen
CPU			
Processor	AMD Geode LX 800 (533 MHz)	AMD Geode LX 800 (533 MHz)	AMD Geode LX 800 (533 MHz)
RAM	256 MB	256 MB	256 MB
Compact flash card socket	1× inkl. 128 MB CFC	1× inkl. 128 MB CFC	1× inkl. 128 MB CFC
Interfaces			
Ethernet	2× 10/100 Base, RJ45	2× 10/100 Base, RJ45	2× 10/100 Base, RJ45
USB	2× USB 2.0	2× USB 2.0	2× USB 2.0
Serial	1× RS 232	1× RS 232	1× RS 232
Keyboard / mouse	Mini DIN PS/2	Mini DIN PS/2	Mini DIN PS/2
VGA	1× extern	1× extern	1× extern
General			
Power supply	24 VDC, ±20 %	24 VDC, ±20 %	24 VDC, ±20 %
Dimensions (Wall mounting box)			
Dimensions	282 × 232 × 68 mm	322 × 265 × 68 mm	382 × 304 × 68 mm
Op. system/browsers/servers			
Operating system	Windows CE 6.0	Windows CE 6.0	Windows CE 6.0
Browsers	Internet Explorer Micro-Browser Applet-Viewer	Internet Explorer Micro-Browser Applet-Viewer	Internet Explorer Micro-Browser Applet-Viewer
Virtual Java Engine	yes	yes	yes
SBC.Net	Web-Connect Web-IHM Server	Web-Connect Web-IHM Server	Web-Connect Web-IM Server
Servers	Web server FTP server File server (shares) VNC (remote desktop)	Web server FTP server File server (shares) VNC (remote desktop)	Web server FTP server File server (shares) VNC (remote desktop)

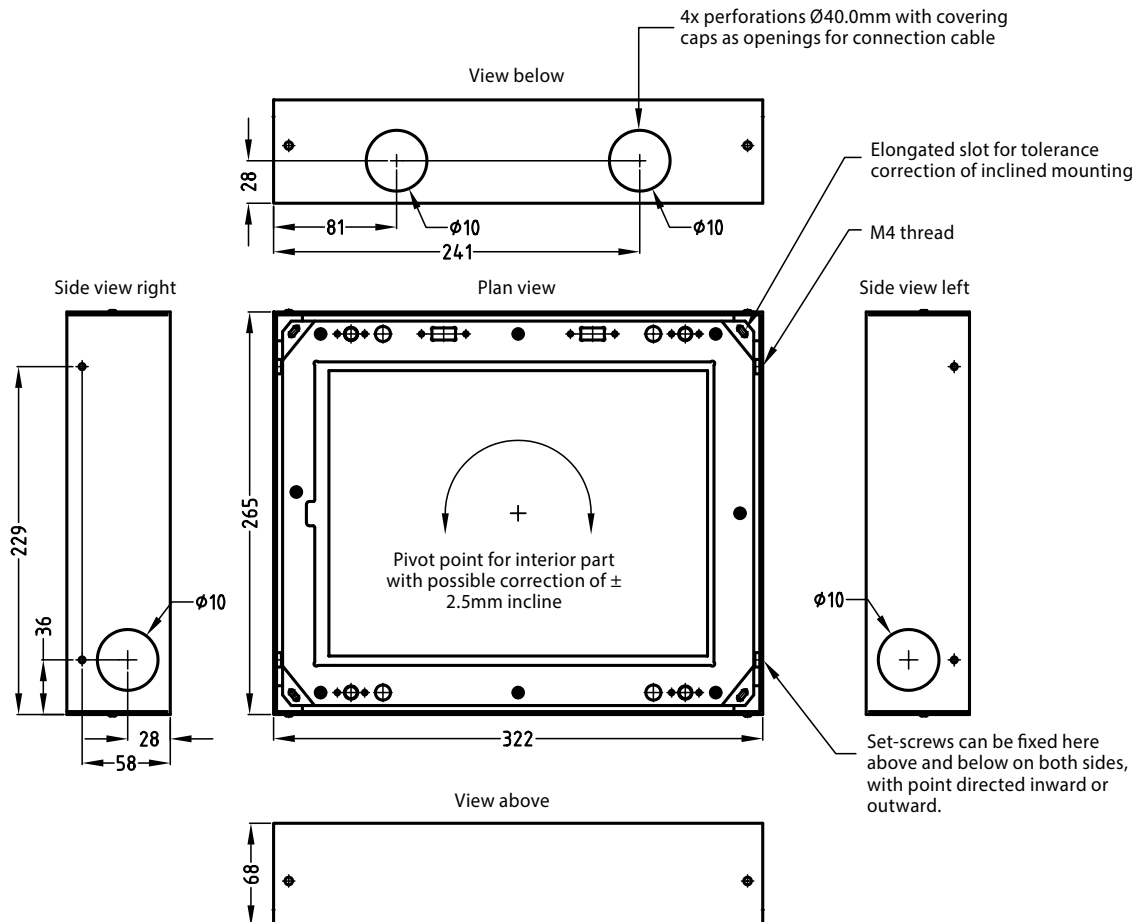|	PCD7.D6100TLW10	PCD7.D6120TLW10	PCD7.D6150TLW10
Display (inches)	10.4"	12.1"	15"
Technology / colours	TFT / 16.7 million	TFT / 16.7 million	TFT / 16.7 million
Resolution / pixels	SVGA 800 × 600	SVGA 800 × 600	XGA 1024 × 768
Input	Resistive touchscreen	Resistive touchscreen	Resistive touchscreen
CPU			
Processor	AMD Geode LX 800 (533 MHz)	AMD Geode LX 800 (533 MHz)	AMD Geode LX 800 (533 MHz)
RAM	512 MB	512 MB	512 MB
Compact flash card socket	1× inkl. 2 GByte CFC	1× inkl. 2 GByte CFC	1× inkl. 2 GByte CFC
Interfaces			
Ethernet	2× 10/100 Base, RJ45	2× 10/100 Base, RJ45	2× 10/100 Base, RJ45
USB	2× USB 2.0	2× USB 2.0	2× USB 2.0
Serial	1× RS-232	1× RS-232	1× RS-232
Keyboard / mouse	Mini DIN PS/2	Mini DIN PS/2	Mini DIN PS/2
VGA	VGA	VGA	VGA
General			
Power supply	24 VDC, ±20 %	24 VDC, ±20 %	24 VDC, ±20 %
Dimensions (Wall mounting box)			
Dimensions	282 × 232 × 68 mm	322 × 265 × 68 mm	382 × 304 × 68 mm
Op. system/browsers/servers			
Operating system	Windows XP embedded	Windows XP embedded	Windows XP embedded
Browsers	Internet Explorer	Internet Explorer	Internet Explorer
Virtual Java Engine	Sun Microsystems	Sun Microsystems	Sun Microsystems
SBC.Net	Web-Connect Web-IHM Server	Web-Connect Web-IHM Server	Web-Connect Web-IHM Server
Servers	Web server FTP server File server (shares) VNC (remote desktop)	Web server FTP server File server (shares) VNC (remote desktop)	Web server FTP server File server (shares) VNC (remote desktop)

Mounting diagram for 10" panel

View below

4x perforations Ø40.0mm with covering caps as openings for connection cable

28

61
221

Ø40

Ø40

Elongated slot for tolerance correction of inclined mounting

M4 thread

Side view right

Plan view

Side view left

196

36

Ø40

232

Pivot point for interior part with possible correction of ± 2.5mm incline

Ø40

28
58

282

Set-screws can be fixed here above and below on both sides, with point directed inward or outward.

View above

68

Mounting diagram for 12" panel

View below

4x perforations Ø40.0mm with covering caps as openings for connection cable

28

81
241

Ø10

Ø10

Elongated slot for tolerance correction of inclined mounting

M4 thread

Side view right

Plan view

Side view left

229

36

Ø10

265

Pivot point for interior part with possible correction of ± 2.5mm incline

Ø10

28
58

322

Set-screws can be fixed here above and below on both sides, with point directed inward or outward.

View above

68

Mounting diagram for 15" panel

View below

4x perforations Ø40.0mm with covering caps as openings for connection cable

28

111

271

Ø40

Ø40

Elongated slot for tolerance correction of inclined mounting

M4 thread

Side view right

Plan view

Side view left

268

36

Ø40

304

Pivot point for interior part with possible correction of ± 2.5mm incline

Ø40

28

57

382

Set-screws can be fixed here above and below on both sides, with point directed inward or outward.

View above

68

P+P26/506 EN02 02.2014   Subjects to change without notice.