



## Highly Configurable Compact Panel Solutions

- PC/Media Player integration
- Serial OSD - monitoring and controlling
- 24/7 h applications
- Glass / touch integration
- Sunlight readable



Canvys offers their high quality CP (compact panel) product line in 26", 32", 42" and 52".

Canvys **CP Series** stand for *robustness, long-life cycle and reliability.*

All versions (besides 26") have an integrated "user platform" on the rear side. This enables the customers to integrate e.g. PC/media player or other own solutions. These robust displays are manufactured in Germany with high quality components and long availability.

*Configure your own CP display for your needs!*

FEATURES



### PC/Media Player Integration

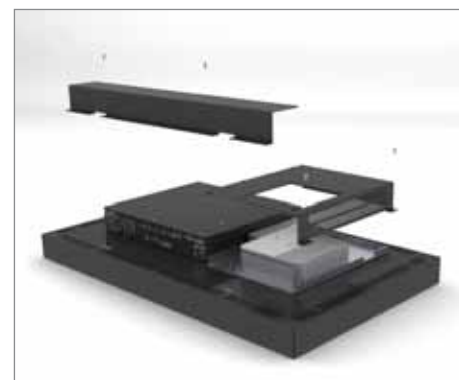
The **CP Series** enables the customer to integrate a PC or a Media Player.

Canvys provides a standard solution which will fit for mini PC's: DE45/DE57, Apple Mac, Fujitsu-Siemens Esprimo and Media Player: EYEZONE 1080P.

Due to a flexible basis plate all mentioned standard devices can be integrated very easily. The device, also the cables will be hidden behind cover sheets (PC cover sheet and cable channel) for a clean and attractive solution (see pictures).



32", backside, w/o option PC integration



32", backside, w/ PC mounted on basis plate, w/o mounted cover sheets (PC cover and cable channel)



32", backside, w/ PC mounted on basis plate, w/ mounted PC cover sheet



32", backside, w/ option PC integration

## Solutions with Canvys CP Series

### Serial OSD

Customers who already purchased the Canvys **LI Series** in the past know the reliable graphics controller (CRTtoLCD) which is now integrated in the **CP Series** too. Canvys is able to realize for its customers their own boot-logos, sensors and many different interfaces.

The displays can be monitored and controlled completely through a serial interface (RS232).

Customers can integrate the LCDs into a network by connecting them with a PC. Backlights and temperature can be controlled remotely.

### 24/7 h Usage

With the 24/7 h engineering approach and it's high quality metal case, the **CP Series** is the best solution for *POS / POI, industrial, transportation and digital signage applications.*

### Glass/Touch Integration

The **CP Series** is available with protection glass for a rugged environment. For touch applications, Canvys integrates 3M's Surface Capacitive Touch technology (SCT) or Dispersive Signal Technology (DST), for a precise and accurate touch (others on request).



Example for a customized solution: stainless steel housing

### Sunlight Readable

By integration of a rugged bonded glass the display is readable under sunlight. The bonded glass enables a solution that highly reduces internal light reflections and refractions, maximizing the clarity of the display. The bonding process improves also the robustness of the display surface.

### Horizontal Usage

Due to regulable fans a overheat control is guaranteed. The horizontal usage is ideal for integration in gaming tables or marine applications.

FEATURES



Option: VESA adapter flexible mounting system VESA 200, many different mounting holes also for Rittal ceiling mount



CP series w/ mounted VESA adapter - rear view -



CP series w/ mounted VESA adapter - side view - Adapter position angular (8.5° max), possible to lock (anti-theft-protection)

## CP Series Technical Data – 26" / 32"

26"

32"



Series	Canvys CP Series		
Model / Type	PD-CP26CM	PD-CP32AU ***	PD-CP32AH
Size	26" / 65.0 cm	32" / 81.3 cm	32" / 81.3 cm
Active area (H × V)	554.1 × 347.8 mm	697.7 × 392.3 mm	698.4 × 392.9 mm
Resolution	1920 × 1200 / WUXGA	1366 × 768 / WXGA	1920 × 1080 / HDTV
Pixel pitch	0.287 mm	0.511 mm	0.364 mm
Display colours	16.7 M		
Brightness	350 cd/m <sup>2</sup> w/o touch	450 cd/m <sup>2</sup> w/o touch	
Contrast ratio	1500:1 typ.	2500:1 typ.	5000:1 typ.
Response time	8 ms typ.	6.5 ms typ.	
Viewing angle (H × V)	176° / 176° (CR=10)	178° / 178° (CR=10)	
I/O ports	D-Sub 15 pin (analog), DVI-D optional: Video & S-video		
Power consumption	approx. 150 W	approx. 170 W	
MTBF backlight	40,000 h	50,000 h	
Dimensions (W × H × D) chassis version	594.0 × 388.0 × 116.0 mm	775.0 × 465.0 × 108.0 mm (chassis w/o VESA adapter)	
Weight LCD (with front bezel) / VESA adapter	15.5	approx. 22.3 kg / approx. 7.8 kg	
Operating temperature	0 °C to +40 °C	0 °C to +35 °C	
Storage temperature	-20 °C to +60 °C		
Misc	Landscape mode, portrait mode panel on request; additional 12 VDC output, PC integration only available on project base VESA 75/100	Landscape mode, Portrait mode panel on request; additional 12 VDC output	
Housing material	Steel in RAL9005, fine structure		
Approval	CE, EN 61000-6-3/6-1, 60950-1		
Mounting	Mounting holes (M4) on side and rear cover		
Power input; power supply approvals	110 - 230 VAC; safety regulations: UL60950-1/ 60601-1, CSA, CE, TUV EN60950-1/ 60601-1		
Options	<ul style="list-style-type: none"> <li>Housing (chassis and front bezel) in customized colours and structure</li> <li>Chassis version</li> <li>3M surface capacitive touch screen, others on request</li> <li>Protection glass</li> <li>Sunlight readable panel (bonded) on request</li> <li>Different inputs</li> <li>Sound (on request)</li> <li>Remote control</li> <li>Web interface (on request)</li> </ul>	<ul style="list-style-type: none"> <li>Housing (chassis and front bezel) in customized colours and structure</li> <li>Chassis version</li> <li>Different touch screen: 3M Surface Capacitive Touch, DST, Projective Capacitive (on request), Multitouch for 32" and 42" (on request)</li> <li>Protection glass</li> <li>Sunlight readable panel (bonded)</li> <li>Different inputs</li> <li>Sound (on request)</li> <li>Remote control</li> <li>Individual PC/Media Player integration</li> <li>VESA adapter with VESA 200; 8.5 degree tiltable, possibility to lock (security); different mounting holes, also for Rittal®</li> <li>Web interface (on request)</li> </ul>	
Features	<ul style="list-style-type: none"> <li>Glass and touch integration possible</li> <li>High quality displays made in Germany</li> <li>Flexible Kontron controller</li> <li>2x OSD, on side and back</li> <li>OSD RS232C serial interface</li> <li>Complete monitoring and controlling (also from afar)</li> <li>Silent fan</li> <li>Ideal for desktop applications</li> <li>24/7h usage</li> </ul>	<ul style="list-style-type: none"> <li>Glass and touch integration possible</li> <li>High quality displays made in Germany</li> <li>Flexible Kontron controller</li> <li>OSD RS232C serial interface</li> <li>Complete monitoring and controlling (also from afar)</li> <li>Horizontal usage</li> <li>Ideal for Digital Signage and industrial applications</li> <li>Mounting solution for PC/Media Player</li> <li>Clean and attractive solution</li> <li>24/7 h usage</li> </ul>	

\*\*\* PD-CP32AU available only on project basis!



42" 52"

CP Series Technical Data – 42" / 52"

DATA SHEET

Series	Canvys CP Series	
Model / Type	PD-CP42AU	PD-CP52
Size	42" / 106.7 cm	52" / 132.1 cm
Active area (H × V)	930.2 × 523.3 mm	1152.0 × 648.0 mm
Resolution	1920 × 1080 / HDTV	
Pixel pitch	0.485 mm	0.600 mm
Display colours	16.7 M	
Brightness	700 cd/m <sup>2</sup> w/o touch	600 cd/m <sup>2</sup> w/o touch
Contrast ratio	3500:1 typ.	1700:1 typ.
Response time	6.5 ms typ.	8 ms typ.
Viewing angle (H × V)	178° / 178° (CR=10)	
I/O ports	D-Sub 15 pin (analog), DVI-D optional: Video & S-video	D-Sub 15 pin (analog), DVI-D Video & S-video
Power consumption	approx. 270 W	approx. 400 W
MTBF backlight	60,000 h	50,000 h
Dimensions (W × H × D) chassis version	998.0 × 591.0 × 113.4 mm	1226.0 × 720.0 × 131.0 mm (front version w/o VESA adapter)
Weight LCD (with front bezel) / VESA adapter	approx. 34.4 kg / approx. 7.8 kg	55.0 kg (incl. touch) / approx. 7.8 kg
Operating temperature	0 °C to +35 °C	
Storage temperature	-20 °C to +60 °C	
Misc	Landscape and portrait mode; additional 12 VDC output	Landscape and Portrait mode, Hand holds, IR sensor on request, HDMI on request, additional 12VDC output
Housing material	Steel in RAL9005, fine structure	
Approval	CE, EN 61000-6-3/6-1, 60950-1	
Mounting	Mounting holes (M4) on side and rear cover	
Power input; power supply approvals	110 - 230 VAC; safety regulations: UL60950-1/ 60601-1, CSA, CE, TUV EN60950-1/ 60601-1	
Options	<ul style="list-style-type: none"> <li>• Housing (chassis and front bezel) in customized colours and structure</li> <li>• Chassis version</li> <li>• Different touch screen, DST for 42", Multitouch for 32" and 42" on request, Protective capacitive touch for 52"</li> <li>• Protection glass</li> <li>• Sunlight readable panel (bonded)</li> <li>• Different inputs</li> <li>• Sound (on request)</li> <li>• Remote control</li> <li>• Individual PC/Media Player integration</li> <li>• VESA adapter with VESA 200; 8.5 degree tiltable, possibility to lock (security); different mounting holes, also for Rittal®</li> <li>• Web interface (on request)</li> </ul>	
Features	<ul style="list-style-type: none"> <li>• Glass and touch integration possible</li> <li>• High quality displays made in Germany</li> <li>• Flexible Kontron controller</li> <li>• OSD RS232C serial interface</li> <li>• Complete monitoring and controlling (also from afar)</li> <li>• Horizontal usage</li> <li>• Ideal for Digital Signage and industrial applications</li> <li>• Mounting solution for PC/Media Player</li> <li>• Clean and attractive solution</li> <li>• 24/7 h usage</li> </ul>	