

## CONRAC PUBLIC DISPLAYS - Narrow Bezel Protected - E-LED

Diagonal Model	32" / 80 cm 6132 BD Protected	42" / 106 cm 6142 BD Protected	47" / 119 cm 6147 BD Protected	55" / 139 cm 6155 BD Protected
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Display				
Active screen dimensions (h x v)	698 x 393 mm	930 x 523 mm	1039 x 584mm	1210 x 680 mm
Resolution (pixel)	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Viewing angle (typical)	178°	178°	178°	178°
Contrast ratio (typical)	3000:1	1300:1	1300:1	1300:1
Brightness	350 cd/m <sup>2</sup> (panel typ.)	700 cd/m <sup>2</sup> (panel typ.)	700 cd/m <sup>2</sup> (panel typ.)	700 cd/m <sup>2</sup> (panel typ.)
Colour performance	16.7 mio colours simultaneously (full colour)			
Response time (typical, grey to grey)	8ms	12ms	12ms	12ms
Backlight system	E-LED (Edge-LED)			
Safety / contrast enhancement panel	anti-glare, 90% light transmission (minimum)			

Environmental conditions	
IP protection	IP20
Temperature (operating)	5°C to +35°C
Temperature (non-operating)	-20°C to +60°C
Humidity	10% to 90% (non-condensing)

Power				
Power consumption (IPC3 version)	49W typ. / 57W max.	95W typ. / 115W max.	100W typ. / 123W max.	113W typ. / 140W max.
Power consumption (monitor version)	44W typ. / 52W max.	90W typ. / 110 W max.	95W typ. / 118W max.	108W typ. / 135W max.
Power supply	90V to 264V, 47Hz to 63Hz	90V to 264V, 47Hz to 63Hz	90V to 264V, 47Hz to 63Hz	90V to 264V, 47Hz to 63Hz

Dimensions & Weight				
H x W x D (+/-2mm) (IPC3 version)	433 x 731 x 37 (95 <sup>1)</sup> ) mm	556 x 963 x 58 (95 <sup>1)</sup> ) mm	617 x 1073 x 56 (94 <sup>1)</sup> ) mm	714 x 1244 x 58 (95 <sup>1)</sup> ) mm
H x W x D (+/-2mm) (monitor version)	433 x 731 x 37 (95 <sup>1)</sup> ) mm	556 x 963 x 58 (95 <sup>1)</sup> ) mm	617 x 1073 x 56 (94 <sup>1)</sup> ) mm	714 x 1244 x 58 (95 <sup>1)</sup> ) mm
VESA fixings	600 x 200 mm (M8)	600 x 400 mm (M8)	600 x 400 mm (M8)	600 x 400 mm (M8)
Approx. Weight (+/-10%)	15,5 kg	18 kg	27 kg	38 kg

Approvals	
EMI/EMC	EN55022 class A, EN55024, EN61000-3-2/-3
Safety	EN60950, CE

Options	
Customized mountings on request	

Colour	
Standard colour	RAL 9005 (black), powder coated
Customized colour	On request

<sup>1)</sup> including cBox



**cFPS**  
Flexible Pluggable Solution



## CONRAC Display with eMotion ST3:4 electronics

### Monitor for connection to external signal sources

Displays in “monitor-only” configuration are equipped with high-capacity electronics, connectors and controls. This platform offers various connectivity options for PCs, DVD players, set-top boxes, etc.. The high end signal processing provides the best possible picture quality independent of the input signal, both for digital and analogue signal sources.

eMotion ST3:4 electronics	
Horizontal frequency:	15kHz – 90kHz
Vertical frequency:	49Hz – 90Hz
Signal timing table:	640 x 400, 720 x 400, 640 x 480, 800 x 600, 1024 x 768, 1280 x 768, 1366 x 768, 1280 x 1024, 1600 x 1200, 1920 x 1080, 1920 x 1200, 2560 x 1440, 2560 x 1600 720i, 720p, 1080i (HDMI), 1080p (HDMI)

Controls	
Control of display functions:	Via IR remote control On-screen display (OSD languages: German, English, French, Italian, Spanish and Russian) RS 232

Accessories	
Operating manual (E/D), AC power cord (not for Outdoor Series), IR remote control	

Connectors (internal for Outdoor Displays series)		
Video input	HDMI 1.4	19pin standard HDMI
	Y / CVBS (Y in or CVBS in), for SD-Video	Cinch
	S-Video in (Y/C) for SD-Video	Mini-DIN
Video output (only for 61xxBD models)	DisplayPort 1.2 (Full HD)	20pin standard DisplayPort
PC input	DVI-I (VGA analog and dual link DVI)	24+5pin DVI
	DisplayPort 1.2	20pin standard DisplayPort
Serial Interface	RS232 (full remote control and service)	9pin HDSUB



## CONRAC Display with IPC3 (integrated Industrial PC)

### Display supplied with integrated industrial PC, operating system and monitoring software.

The consequent use of components from the Intel embedded roadmap secures lowest power consumption as well as optimum performance and reliability. It is perfectly suited to run all kinds of MS Windows based Digital Signage solutions.

IPC3	
Processor	Intel® Atom™ E3845 quad core, 1,91 GHz
HDD	min. 32GB SSD
RAM	2GB (2x 1GB Dual Channel)
Graphics	Intel® HD Graphics, Full hardware acceleration for MPEG2, H.264, DirectX11, OCL 1.2, OGL 3.0, WMV9 and VC1
Network adapter Ethernet	1 x 1000
Sound	Intel® High Definition Audio (Intel® HD Audio)
RS232	1x
USB 2.0	2x
SD card slot	1x
DVI-D	1x
DisplayPort	1x
Audio Lineout	1x
Hardware watchdog	•
Software (installed on SSD)	•
Windows Embedded® WES7P & CONRAC System Monitor	

Controls	
User controls	Power button (internal for Outdoor Display series)
Control of display functions	Via IR or USB keyboard or via network

Accessories	
Operating manual (E/D), AC power cord (not for Outdoor Series), IR keyboard (option), IR remote control (option)	

### Connectors (internal for Outdoor Displays series)

