

CONRAC PROFESSIONAL DISPLAYS – Narrow Bezel – E-LED – 16:9 format

	32"/80 cm 6132 BD	42"/106 cm 6142 BD	47"/119 cm 6147 BD EOL	55"/139 cm 6155 BD
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)	1300:1	1300:1	1300:1	1300:1
Brightness (typical)	450 cd/m ²	700 cd/m ²	700 cd/m ²	700 cd/m ²
Color performance	16.7 million colors			
Response time (typical, grey to grey)	25ms	12ms	12ms	12ms
Backlight system	E-LED (Edge-LED)			
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./56W max.	95W typ./115W max.	100W typ./123W max.	113W typ./140W max.
Power consumption (monitor version)	44W typ /51W 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 64 mm	556 x 963 x 68 mm	617 x 1073 x 67 mm	714 x 1244 x 69 mm
H x W x D (+/-2mm) (monitor version)	433 x 731 x 64 mm	556 x 963 x 66 mm	617 x 1073 x 65 mm	714 x 1244 x 67 mm
Bezel width	16 mm / bottom 23 mm	16 mm	16 mm	16 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%)	10 kg	14 kg	17 kg	24 kg
Approvals				
EMI/EMC	EN55022 class A, EN55024, EN61000-3-2/-3			
Safety	EN60950, CE			
Options				
Customized mountings on request				
Color				
Standard color	RAL 9005 (black), powder coated			
Customized color	On request			



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 function	Via IR remote control On-screen display (OSD languages: German, English, French, Italian, Spanish and Russian) RS 232
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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 Y / CVBS (Y in or CVBS in), for SD-Video S-Video in (Y/C) for SD-Video	19pin standard HDMI Cinch 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) DisplayPort 1.2	24+5pin DVI 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)

- yes ○ no

