

CONRAC PUBLIC DISPLAYS – Advanced Protected - E-LED - 16:9 format

Diagonal Model	42" / 106 cm 6942 PD	47" / 119 cm 6947 PD
Display		
Active screen dimensions (h x v)	930 x 523 mm	1039 x 584 mm
Resolution (Pixel)	1920 x 1080	1920 x 1080
Viewing angle (typical)	178°	178°
Contrast ratio (typical)	1300:1	1300:1
Brightness (typical)	700 cd/m ²	700 cd/m ²
Colour performance	16.7 million colour simultaneously (full colour)	
Backlight system	E-LED (Edge-LED)	
Safety / contrast enhancement panel	anti-glare, 85% light transmission (typical)	
International Protection Rating		
IP code	IP65	IP65
Environmental conditions		
Temperature	-15°C to + 40°C (operating), -20°C to +60°C (non-operating)	
Extended temperature range (option)	on request	
Humidity	10% to 90% (non-condensing)	
Power		
Power supply	230V AC (115V AC on request), 50/60Hz +/- 6%	
Power consumption (depending on configuration)		
With integrated PC	105W (typical)	110W (typical)
Heating active (max.)	t.b.d	t.b.d.
Dimensions & Weight		
H x W x D	679 x 1128 x 153 mm	755 x 1260 x 154 mm
Weight kg (+/- 10%)	38 kg	45 kg
Approvals		
EMI/EMC	EN55022 class A, EN55024, EN61000-3-2/-3	
Safety	EN60950, CE	
Options		
Sun protection cover, wall mount bracket, ceiling mount bracket, tilt wall mount		
Colour		
Standard colour	RAL 9005 (jet black), powder coated	
Customized colour	On request	



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)



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

