

CONRAC PROFESSIONAL DISPLAYS – Indoor Dust-Proof – E-LED – 16:9 format

	32"/80 cm 6132 PD	42"/106 cm 6142 PD	46"/117 cm 6146 PD
Display			
Active screen dimensions (h x v)	698 x 393 mm	930 x 523 mm	1018 x 572mm
Resolution (pixel)	1920 x 1080	1920 x 1080	1920 x 1080
Viewing angle (typical)	178°	178°	178°
Contrast ratio (typical)	1300:1	4000:1	4000:1
Response time (typical, grey to grey)	25ms	8ms	6,5ms
Brightness (typical)	450 cd/m ²	700 cd/m ²	700 cd/m ²
Color performance	16.7 million colors		
Backlight system	E-LED (Edge-LED)		
Safety / contrast enhancement panel	anti-glare, 90% light transmission (minimum)		
Environmental conditions			
IP protection display unit	IP 54		
IP protection cBox (control box)	IP 20		
Temperature (operating)	0° C to + 40° C		
Temperature (non-operating)	-20° C to +60° C		
Humidity	10% to 90% (non-condensing)		
Power			
Power consumption (with integrated IPC3)	50W typical / 57W max.	99W typical / 118W max.	70W typical / 115W max.
Power consumption (monitor version)	46W typical / 54W max.	87W typical / 107W max.	65W typical / 110W max.
Power supply	90V to 264V, 47Hz to 63Hz		
Dimensions & Weight			
H x W x D	493 x 792 x 48 (104 ³ /132 ³) mm	603 x 1010 x 48 (104 ³) mm	652 x 1097 x 48 (104 ³) mm
Weight (+/-10%)	18.5 kg	29.5 kg	34.5 kg
Approvals			
EMI/EMC	EN55022 class A, EN55024, EN61000-3-2/-3		
Safety	EN60950, CE		
Options			
Wall mount bracket, tiltable wall mount, tiltable ceiling mount			
Color			
Standard color cabinet	RAL 9005 (black), powder coated		
Standard color front panel	RAL 9006 (white aluminium), powder coated		
Standard color cBox	RAL 9005 (black), powder coated		
Customized color	On request		

¹⁾ including IP20 cBox ²⁾ including IP20 cBox ST3:4



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

