

CONRAC PROFESSIONAL DISPLAYS – Narrow Bezel Protected – E-LED

	32"/80 cm 6132 BD Protected	42"/106 cm 6142 BD Protected	46"/117 cm 6146 BD Protected
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
Brightness	450 cd/m ²	700 cd/m ²	700 cd/m ²
Response time (typical, grey to grey)	25ms	8ms	6,5ms
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	IP40		
IP protection cBox (control box)	IP20		
Temperature (operating)	0°C to +40°C		
Temperature (non-operating)	-20°C to +60°C		
Humidity	10% to 90% (non-condensing)		
Power			
Power consumption (IPC3 version)	49W typ. / 56W max.	99W typ. / 118W max.	t.b.d.
Power consumption (monitor version)	46W typ. / 54W max.	87W typ. / 107 W max.	77W typ. / 95W max.
Power supply	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)	433 x 731 x 43 (98 ¹⁾ mm	559 x 966 x 40 (94 ¹⁾ mm	607 x 1052 x 41 (94 ¹⁾ mm
Bezel width	16 mm / bottom 22 mm	17 mm	16 mm
VESA fixings	600 x 200 mm (M8)	600 x 400 mm (M8)	600 x 400 mm (M8)
Approx. Weight (+/-10%)	15,6 kg	22 kg	35 kg
Approvals			
EMI/EMC	EN55022 class A, EN55024, EN61000-3-2/-3		
Safety	EN60950, CE		
Fire Performance	A2-s1,d0 according to DIN EN 13501 ²⁾		
Options			
Customized mountings on request			
Color			
Standard color	RAL 9005 (black), powder coated		
Customized color	On request		

¹⁾ including cBox

²⁾ a test procedure which is defined for building materials cannot be carried out in compliance with standard display devices



CONRAC Display with IPC3-2 (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.

IPC3-2

Processor	Intel® Atom™ x7-E3950 quad core, 1,6 GHz (up to 2,0 GHz)
SSD	min. 128GB SSD
RAM	4GB DDR3 (Dual Channel)
Graphics	Intel® HD Graphics 505, Full hardware acceleration for MPEG2, H.264, DirectX12, OCL 2.0, OGL 4.3, WMV9 and VC1
Network adapter Ethernet	1 x 1000
Sound	Intel® High Definition Audio (Intel® HD Audio)
RS232	1x
USB 2.0	2x
DVI-D	1x
DisplayPort	1x
Audio Lineout	1x
Hardware watchdog	•
Software (installed on SSD)	•
Windows 10 IoT Enterprise® & 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



Connectors (internal for Outdoor Displays series)