

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

46"/117 cm
6146 PD

Display

Active screen dimensions (h x v)	1018 x 572mm
Resolution (pixel)	1920 x 1080
Viewing angle (typical)	178°
Contrast ratio (typical)	4000:1
Response time (typical, grey to grey)	6,5ms
Brightness (typical)	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 (IPC3-2 version)	64W typical / 115W max.
Power supply	90V to 264V, 47Hz to 63Hz
Energy Efficiency	Class G

Dimensions & Weight

H x W x D	652 x 1097 x 48 (104 ¹)mm
Weight (+/-10%)	34.5 kg

Approvals

EMI/EMC	EN55032 class A, EN55024, EN61000-3-2/-3, EN61000-6-2/-4
Safety	EN62368-1, 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 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)