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CONRAC PROFESSIONAL DISPLAYS – Narrow Bezel Protected – E-LED

46"/117 cm
6146 BD Protected

Display

Active screen dimensions (h x v)	1018 x 572mm
Resolution (pixel)	1920 x 1080
Viewing angle (typical)	178º
Contrast ratio (typical)	4000:1
Brightness	700 cd/m^2
Response time (typical, grey to grey)	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)	0ºC to +40ºC
Temperature (non-operating)	-20ºC to +60ºC
Humidity	10% to 90% (non-condensing)

Power

Power consumption (IPC3-2 version)	64W typ.
Power supply	90V to 264V, 47Hz to 63Hz
Energy Efficiency	Class G

Dimensions & Weight

H x W x D (+/-2mm)	607 x 1052 x 41 (94[1]) mm
Bezel width	16 mm
VESA fixings	600 x 400 mm (M8)
Approx. Weight (+/-10%)	35 kg

Approvals

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

cFPS
Flexible Pluggable Solution

GEPRÜFT
iBMB MPA
TU BRAUNSCHWEIG
2301/164/19

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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)

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