



CONRAC 6023 ID

23" LCD/TFT Industrial Display

CONRAC's 6023 ID high resolution multi frequency industrial LCD/TFT-display is supplied in an attractive metal housing or rack/console mount version.

The use of high grade industrial components, modular construction, robust aluminium casing and special laminated safety glass panel with high efficiency anti-glare treatment ensures reliable around the clock operation in demanding applications.

FEATURES

Robust aluminium housing

Specially designed for use in rough industrial environment

Safety glass with high efficiency anti-glare treatment

Superior legibility and safety with reduced EMI

Universal proprietary controller

Flexible video input solutions

High contrast and flicker-free image

Reduced eye strain

Enhanced shock & vibration resistance

Reliable operation under harsh ambient conditions

Integrated counter for hours of operation

Easy to plan maintenance

Conrac electronics and design

Long term availability

DISPLAY

Panel type:	Full color active matrix TFT
Size / Active screen dimensions:	23.1" – 58cm / 470mm (horizontal) x 352mm (vertical)
Resolution:	Multiscan up to 1600 x 1200 (UXGA)
Horizontal frequency:	30 – 80kHz
Vertical frequency:	50 – 85Hz
Pixelclock:	Up to 165MHz
Brightness (typical):	220 cd/m ² with glass panel (90% light transmission)
Contrast ratio:	500:1 typical
Number of colors:	16.7 Million colors
Viewing angle:	±85° horizontal and vertical
Backlight:	Cold cathode fluorescent lamp (CCFL)
Lamp life time:	50,000 hours @ 25°C ambient temperature, continuous operation

SIGNAL INPUT / CONNECTORS / SYNCRONIZATION

PC signal input:	PC analog
Connectors:	RGB (PC) input: 5 x BNC (Cabinet only), 15 pin HD-Sub
Synchronization:	Sync on green, Composite sync with auto detect Separate H- and V-sync

CONTROLS

Keypad and on screen menu

ENVIRONMENTAL CONDITIONS

Temperature (operating):	0°C - +45°C
Temperature (non-operating):	-20°C - +60°C

POWER

Power supply:	115V / 230V ±10%, automatic selection, power connector lockable
Power consumption:	<80W
Stand-by function:	Yes

APPROVALS

EMI/EMC:	EN55022 class A, EN55024
Safety:	EN60950, CE

SUPPLIED ACCESSORIES

VGA cable (BNC) 2m, AC power cord 2.5m
Operating Manual

STANDARD COLOR

Standard color front panel:	RAL 9005 (deep black)
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VERSIONS

6023 ID Cabinet version

Ultra slim metal design housing (IP21)

Prepared for mounting according to VESA specification.
Optional tilt/swivel base.

H x W x D: 510mm x 600mm x 120mm (20.1in x 23.6in x 4.7in)
Weight: 16.5kg (36 lbs)



6023 ID Rack Mount version

Rack/console mount configuration with IP65 front.

H x W x D: 550mm x 610mm x 100mm (21.7in x 24.0in x 4.0in)
Weight: 15.5kg (34 lbs)



OEM versions

Customized versions available on request.

OPTIONS*

*Please note: Not all options may be combined.

24V DC power supply operating from 18V to 32V

Video signal input 15.7kHz CVBS / Y/C video

FOR MORE INFORMATION CONTACT SALES DEPARTMENT AT: CONRAC, INC.

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