



## 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 in rack/console mount version.

CONRAC GmbH stands for High Performance Displays for specific applications. Own R&D, production and service at the German headquarters guarantee highest quality standards.

The use of high grade industrial components, modular construction, robust aluminium casing and special laminated safety glass panel with high efficiency anti-glare treatment make the displays the perfect choice for 24h 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, reduced EMI for healthier working environment

### **Universal proprietary controller**

Flexible solutions (VGA, CVBS and S-Video inputs)

### **High contrast and flicker-free image**

Reduced strain for the user's eyes

### **Enhanced shock & vibration resistance as well as extended temperature range**

High lifetime in critical ambient conditions

### **Integrated counter for hours of operation**

Easy to plan maintenance

### **Conrac electronics and design**

In-house R&D ensures long term availability

**DISPLAY**

Panel type:	Full colour 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 <sup>2</sup> with glass panel (90% light transmission)
Contrast ratio:	500:1 typical
Number of colours:	16.7 Mio colours
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 / SYNCRONISATION**

PC signal input:	PC analog
Connectors:	RGB (PC) input: 5 x BNC, 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 COLOUR**

Standard colour front panel: RAL 9005 (deep black), non-structured

VERSIONS

**6023 ID Cabinet version**

Ultra slim metal design housing (IP21)  
 Supplied with bracket for desktop operation.  
 Prepared for mounting according to VESA specification.

H x W x D: 510mm x 600mm x 120mm  
 Weight: 16.5kg



**6023 ID Rack Mount version**

Rack/console mount configuration with IP65 front.

H x W x D: 550mm x 610mm x 100mm  
 Weight: 15.5kg



**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

Technical specification subject to change without prior notice. GM 260.0255, is\_6023id\_rev05

CONRAC GmbH  
 Lindenstrasse 8  
 D-97990 Weikersheim  
 Germany

CONRAC FRANCE S.A.R.L.  
 47 Route de Baillon  
 95270 Chaumontel  
 France

CONRAC Sales Office Italy  
 Via R. R. Garibaldi 30  
 I-00145 Rome  
 Italy

CONRAC MENA FZE  
 DAFZA Dubai Airport Free Zone  
 3E G06 East Wing 3  
 Dubai, United Arab Emirates

CONRAC Asia  
 Display Products Pte Ltd  
 82 Genting Lane #05-04  
 Singapore 349567

DATA MODUL Inc.  
 1767-46 Veterans Highway  
 Islandia NY 11749  
 U.S.A.

Tel.: +49-7934-101-0  
 Fax: +49-7934-101-101  
 E-Mail: info@conrac.de  
 www.conrac.de

Tel.: +33-1-3035 0634  
 Fax: +33-1-3471 2926  
 E-Mail: info@conracfrance.fr  
 www.conrac.fr

Tel.: +39-06-4543 9202  
 Fax: +39-06-4543 9179  
 E-Mail: info@conrac.it  
 www.conrac.it

Tel.: +971-4-2994 009  
 Fax: +971-4-2995 587  
 E-Mail: info@conrac.ae  
 www.conrac.ae

Tel.: +65-6742 7988  
 Fax: +65-6747 3933  
 E-Mail: sales@conrac-asia.com  
 www.conrac-asia.com

Tel.: +1-631-951-0800  
 Fax: +1-631-951-2121  
 E-Mail: info@datamodul.com  
 www.datamodul.com

