

## INDUSTRIAL SOLUTIONS



### CONRAC 6019 ID

19" LCD/TFT Industrial Display

CONRAC's 6019 ID high resolution multi frequency industrial LCD/TFT-display is supplied in an attractive metal housing, as rack/console mount version or as naked 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:	19.0" – 48cm / 376mm (horizontal) x 301mm (vertical)
Resolution:	Multiscan up to 1280 x 1024 (SXGA)
Horizontal frequency:	30 – 80kHz
Vertical frequency:	50 – 85Hz
Pixelclock:	Up to 140MHz
Brightness (typical):	300 cd/m <sup>2</sup> typ. without EMI panel
Contrast ratio:	700:1 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: 1 x 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 consumption:	60W
Stand-by function:	Yes

**APPROVALS**

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

**SUPPLIED ACCESSORIES**

VGA cable (15pin) 2m, AC power cord 2.5m	
Operating Manual	
Cabinet version only:	Bracket for desktop use

**STANDARD COLOUR**

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

## VERSIONS

**6019 ID Cabinet version**

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

*Photograph does not show standard colour!*

H x W x D: 400mm x 475mm x 200mm  
Weight: 10.5kg

**6019 ID Rack Mount version**

Rack/console mount configuration with IP65 front.

H x W x D: 444mm x 483mm x 82mm  
Weight: approx. 10kg

**6019 ID Naked version**

Ultra slim chassis-only version with internal power supply.  
Optionally available with IR remote control.

H x W x D: 420mm x 341mm x 88mm  
Weight: 6.5kg

