



### CONRAC 6018 ID

18" LCD/TFT Industrial Display

CONRAC'S 6018 ID is a high resolution, multi-frequency, industrial grade TFT flat panel monitor supplied in metal cabinet or rackmount configurations.

The cabinet version is supplied with a bracket for wall or ceiling mounting or for use as a desk stand.

Advanced signal image processing techniques allow for operation on video signal sources ranging from CGA up to 1280 x 1024 (SXGA) workstation resolutions as well as CVBS and Y/C (S-Video).

Modular construction, robust aluminum casing and special laminated anti-glare safety glass panel ensure reliable around the clock operation in demanding applications such as:

- Traffic control
- Test and measurement
- Multimedia and info terminals
- Process control
- Mobile use (airborne and vehicles)
- Industrial CRT monitor retrofit programs

## 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 solutions (VGA, CVBS and S-Video inputs), extra wide frequency range (15kHz – 85kHz)

### **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:	18.1" – 46cm / 359mm (horizontal) x 287mm (vertical)
Resolution:	Multiscan up to 1280 x 1024 (SXGA)
Horizontal frequency:	15 – 85kHz
Vertical frequency:	50 – 85Hz
Pixelclock:	Up to 140MHz
Video	15.7kHz CVBS / Y/C video
Brightness (typical):	260 cd/m <sup>2</sup> with glass panel (95% light transmission)
Contrast ratio:	400:1 typical
Number of colors:	16.7 Million colors
Viewing angle:	±80° 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 / video signal input:	PC analog, CVBS, Y/C (PAL, SECAM, NTSC)	
Connectors:	RGB (PC) input:	1 x 15 pin HD-Sub
	CVBS:	2 x Cinch
	Y/C:	1 x Mini DIN
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, 10W in sleep mode

**APPROVALS**

EMI/EMC:	EN55022 class A, EN55024
Safety:	EN60950, UL 1950, CE

**SUPPLIED ACCESSORIES**

VGA cable (15pin) 2m, AC power cord 2.5m	
Operating Manual	
Cabinet version only:	Bracket (desk stand, wall and ceiling mount)

**STANDARD COLOR**

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

**6018 ID Cabinet and Tower Control versions**

Ultra slim metal design housing (IP21) supplied with bracket for wall or ceiling mounting or to be used as desk stand.  
 Prepared for mounting according to VESA specification.  
 Tower Control version available with direct front panel access function keys for brightness and contrast with optional remote control box and interconnecting cable.

H x W x D: 345mm x 449mm x 89mm (13.6in x 17.7in x 3.5in)  
 Weight: 9kg (20 lbs)



**6018 ID Rack Mount version**

Rack/console mount configuration with IP65 front (8U).

H x W x D: 354mm x 483mm x 91mm (14.0in x 19.0in x 3.6in)  
 Weight: 10kg (22 lbs)



**OEM versions**

Customized versions available on request.

**OPTIONS\***

\*Please note: Not all options may be combined.

Cabinet & Rack mount version only: 24V DC power supply operating from 18V to 32V

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

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