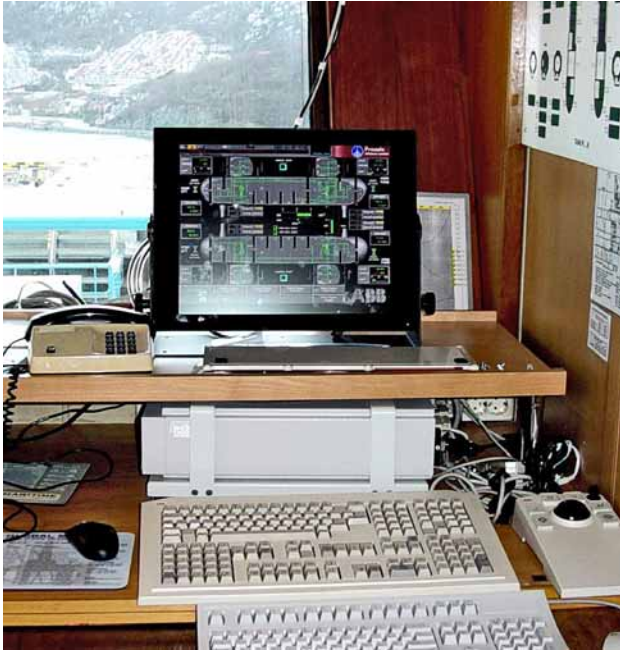


## INDUSTRIAL SOLUTIONS



### 6018 ID

18" LCD/TFT Industrial Display

6018 ID high resolution multi frequency industrial LCD/TFT-display is supplied in an attractive metal housing or in rack/console mount version.

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.

INDUSTRIAL DISPLAYS

## 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), extra wide frequency range (15kHz – 85kHz)

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

Reduced strain for the user's eyes

### **Enhanced shock & vibration resistance**

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

HIGH PERFORMANCE DISPLAYS

**DISPLAY**

Panel type:	Full colour 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 colours:	16.7 Mio colours
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 / SYNCRONISATION**

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 COLOUR**

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

**6018 ID Cabinet version**

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.

H x W x D: 345mm x 449mm x 89mm  
Weight: 9kg



**6018 ID Rack Mount version**

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

H x W x D: 354mm x 483mm x 91mm  
Weight: 10kg



**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