



CONRAC 6018 SD

18" LCD/TFT Ship Display

CONRAC's 6018 SD high resolution multi frequency TFT-display for shipborne applications 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

Approved to GL (Germanic Lloyd)

Easy integration in ship control systems

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

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 ² 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

Via keypad and on screen menu
Remote with serial interface

ENVIRONMENTAL CONDITIONS

Temperature (operating):	0°C - +55°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
Ship Control:	GL (Germanic Lloyd)

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 SD 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 SD 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 version: 24V DC power supply operating from 18V to 32V

Technical specification subject to change without prior notice. GM 260.0317, is_6018sd_rev06

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