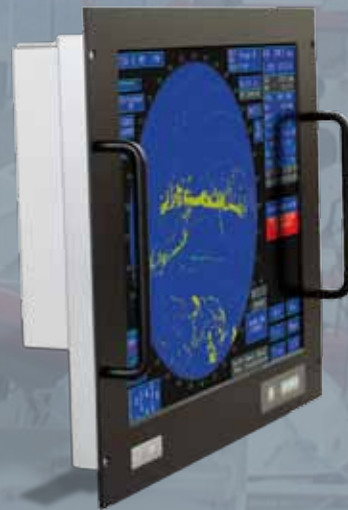


MARINE DISPLAYS

Modular Concept




Green approach. We care.


CONRAC Technology
Makes your display last longer.

Innovation. Experience. Flexibility. Quality.

Model	19" / 48cm 6019 SD Marine	21" / 54cm 6021 SD Marine
Display		
Active screen dimensions (horizontal x vertical):	376 x 301 mm	432 x 324 mm
Resolution (pixel) / Format :	1280 x 1024 / 5:4	1600 x 1200 / 4 :3
Brightness (typical) :	300 cd/m ²	250 cd/m ²
Dimming range :	> 1000:1	> 1000:1
Contrast ratio (typical) :	900:1	550:1
Colour performance :	16.7 Mio colours simultaneously (full colour)	16.7 Mio colours simultaneously (full colour)
Viewing angle (typical) :	170°	170°
Interface Board		
Frequency (Horizontal/Vertical) :	30 – 80 kHz / 50 – 85 Hz	30 – 85 kHz / 50 – 85 Hz
Synchronization :	Sync on green, composite sync with auto detect, separate H- and V-sync	Sync on green, composite sync with auto detect, separate H- and V-sync
Connectors: PC analog :	VGA – 15pin HDSUB	VGA – 15pin HDSUB
PC digital :	DVI	DVI
Y/C :	•	•
S-Video:	•	•
Serial interface RS232 (9pin HDSUB) :	•	•
Controls : Keys :	Status LED, 4 menu buttons	Status LED, 4 menu buttons
Potentiometer control for dimming	○	○
Serial Interface :	•	•
PIP :	•	•
Environmental Conditions		
Temperature (operating / non-operating) :	-15°C - +55°C / -30°C - +70°C	-15°C - +55°C / -30°C - +70°C
Humidity (non-condensing) :	10% - 90%@25°C	10% - 90%@25°C
Vibration: * built to meet	5Hz – 12Hz ± 1.6mm, 12.5Hz – 25Hz ± 0.38mm, 25Hz – 50Hz ± 0.1mm	5Hz – 12Hz ± 1.6mm, 12.5Hz – 25Hz ± 0.38mm, 25Hz – 50Hz ± 0.1mm
Chocs : * built to meet	10g, 11ms, 30g, 15ms	10g, 11ms, 30g, 15ms
Power		
Power supply :	85 - 264V AC	85 - 264V AC
Power consumption :	< 70W	< 100W
Lockable power input :	•	•
Additional socket for lockable power output :	○	○
Approvals (Built to meet)		
EMI/EMC :	EN55022 classe A, EN55024, EN60945	EN55022 classe A, EN55024, EN60945
Safety :	EN60950, EN60945, CE	EN60950, EN60945, CE
Vibration :	EN60945	EN60945
Shipcontrol :	EN61174 (ECDIS), EN60945 (Navigation), EN60936-1 (Radar)	EN61174 (ECDIS), EN60945 (Navigation), EN60936-1 (Radar)
Supplied Accessories		
Video cable :	VGA	VGA
Power cable, operating manual (D/E) :	•	•
Versions / Dimensions (H x W x D)		
Version Rack :	399 x 483 x 98mm	399 x 483 x 111mm
Colour		
Standard colour cabinet/front panel	RAL 9005	RAL 9005
Options*		
Bracket :	•	•
Customized versions :	•	•
24V DC power supply :	•	•

