

# MILCOTS™ 18" LCD monitor / 5018SX

Product range, for harsh environments



5018SX model

for waterproof 19" Wide, 9U mounting

Naval Consoles

Offshore Applications

Shelters and Vehicles

Railway

Anti-Vandalism Display

## Key points

- High quality display (high contrast ratio)
- Lock / cancel OSD
- Remote control
- Non-reflective coated glass, optical quality 92%
- Typical product availability: 8 to 10 years

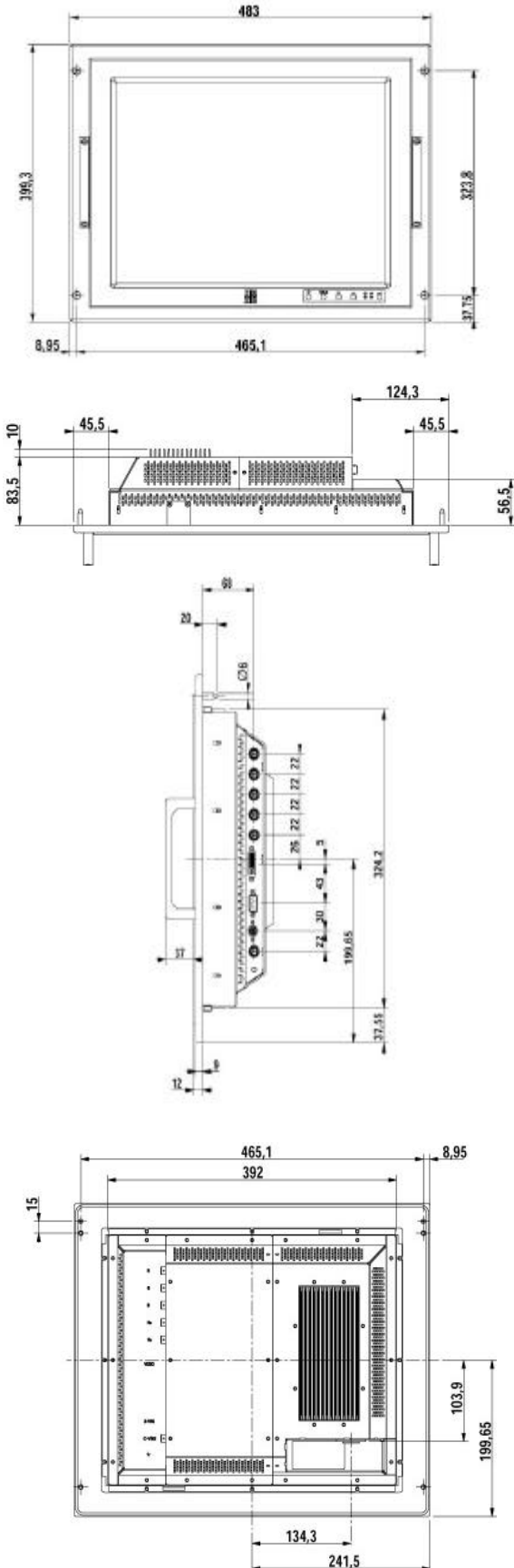
## Options

- Adapted non-reflective coated glass available on request
- Brightness tuning from 100 to 5% (dimming)
- Water-resistant housing
- Handles
- TV input
- EMC/EMI. This range is available with several levels of protection and reinforcement from the standards required by the information technology industry to the military sector (MIL-STD)

For operations in extreme conditions (shock, vibration, waterfall, sea fog, very high or low ambient light conditions), MILCOTS's 5000 series displays is the right choice for field applications (ground, sea, railway transport), aboard vehicles or in shelter)

5000 series displays are available in:  
15" XGA  
17", 18", 19" and 20" SXGA  
20", 21" and 23" UXGA  
24" WUXGA.  
with custom packaging for field applications

# 18" LCD monitor / 5018SX



## Display module

Resolution :	Color active matrix TFT 18"1
Brightness :	1280x 1024
Contrast ratio :	270 cd/m2
Dot pitch :	400:1
Viewing angle :	0,280 mm
Response time :	170°/170°
Display color :	40 msec
Active display area :	16.7M
	359 mm x 284,2 mm

## Input signals

Connectors :	BNC
Analogic :	RGB 0,7Vp-p / 75 Ohms
Synchronisation :	H/V separated (TTL) - composite - sync on green
Synchronisation range :	H : 30 KHz to 100 KHz - V : 50 Hz to 100 Hz

## Controls

On Screen Display:	waterproof front panel keyboard
Remote control:	1 RS232 port

## Physical Features

Monitor dimensions :	483 mm (W) x 399,3 mm (H) x 105,5 mm (D)
Moniteur weight :	9 kg
Standard color :	RAL 101 (black)

## Electrical Features (5018SX-1A model)

Power consumption :	50 W
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## Environmental Conditions

Operating temperature :	0°C to +50°C
Storage temperature :	-30°C to +70°C
Humidity :	10% to 85%
Altitude :	0 to 45000 feet
Shock :	30 G, 11 ms
Vibration :	MIL STD 810E
Non-reflective coating glass :	92%
Front panel protection :	NEMA 4

## Standard configurations

5018SX-XX Models	Standard	MIL-STD-461
12 Vdc input on HE308 connector external power supply non delivered	0A	
12 Vdc input on lockable connector external power supply 12 Vdc / 70 W / 115-230 Vac / 50-60 Hz	1A	
115-230 Vac input /50-60 Hz on HE308 connector	2A	
115-230 Vac input /40-400 Hz / 170 Vdc on HE308 connector	3A	3D
18-36 Vdc input on HE308 connector	4A	
28 Vdc AIR2021E input on HE308 connector	5A	5D

configurations are fitted out with a 92% non-reflective coating glass.  
Others are fitted out with reinforced glass.

## Options

TV input (C-VBS) :	1 additional BNC connector
TV input (S-VHS) :	1 additional mini-DIN connector

## Customization

touch input device (contact us)
DVI input
IP63 aluminum casing

## Warranty

1 year (expandable to 3 and 5 years)