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TECHNOLOGY GROUP

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Artisan Technology Group
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so your equipment works exactly as you specify.

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MILCOTS™ 20” LCD monitor / 5020UX

Product range for harsh environments



5020UX 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

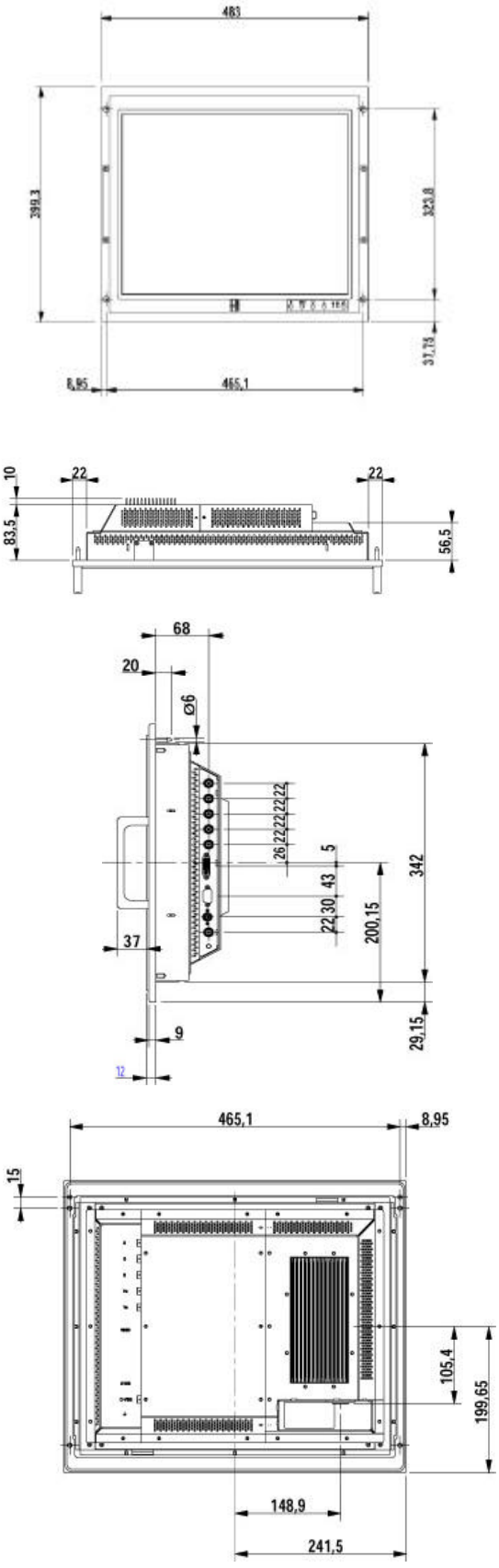
Options

- 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, seafog, 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

20” LCD monitor / 5020UX



Display module	Color active matrix TFT 20.1”
Resolution :	1600 x 1200
Brightness :	220 cd/m²
Contrast ratio :	350:1
Dot pitch :	0,255 mm
Viewing angle :	170°/170°
Response time :	20 msec
Display color :	16.7 M
Active display area :	408 x 306 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 115,5 mm (D) (19”/9U)
Monitor weight :	9,8 kg
Standard color:	RAL 101 (black)

Electrical Features

Power consumption :	60 W

Environmental Conditions

Operating temperature :	0 °C to +50 °C
Storage temperature :	-30 °C to +70 °C
Humidity :	10 % to 85 %
Altitude :	0 to 45 000 feet
Shock :	30 G, 11 ms
Vibration :	MIL-STD 810E
Non-reflective coating glass:	92%
Front panel protection :	NEMA 4

Standard configurations

5020UX-XX Models	Standard	MIL-STD-461D
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 glasses.

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)

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