

MILCOTS™ 24" LCD monitor / 5224WU

Product range, for harsh environments



5224WU model

for waterproof 21" wide
10U mounting

Naval Consoles

Offshore Applications

Shelters and Vehicles

Railway

Anti-Vandalism Display

Key points

- 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

- Non-reflective coated glass available on request
- Brightness tuning from 100 to 5% (dimming)
- Water-resistant casing mount
- 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)

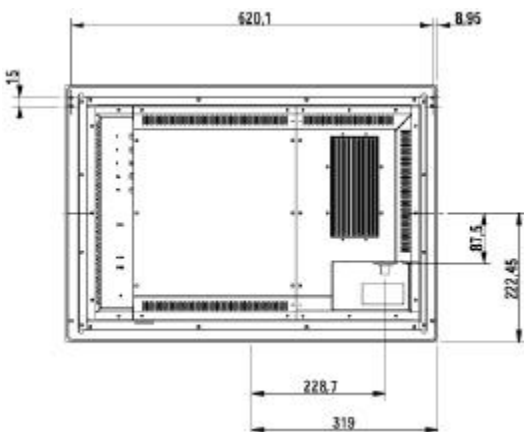
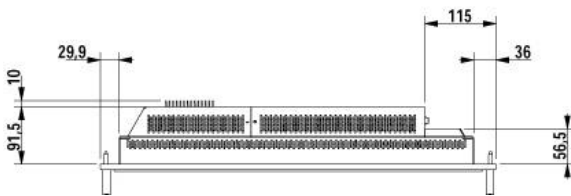
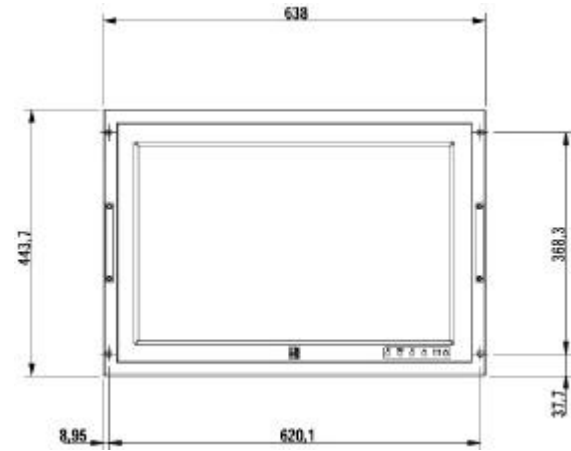
For operations in extreme conditions (shock, vibration, waterfall, seafog, very high or low ambient light conditions), MILCOTS's 5000 series displays is the right choice for field applications (ground, sea, railway transport), aboard vehicles or in shelter)

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

24" LCD monitor / 5224WU



Display module
 Addressability : 1920 x 1200
 Brightness : 220 cd/m²
 Contrast ratio : 400:1
 Dot pitch : 0,270 mm
 Viewing angle : 160°/160°
 Response time : < 30 msec
 Display color : 16.7M
 Active display area : 518,4 mm x 324 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 70 Hz

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

Physical Features
 Monitor dimensions : 638 mm (W) x 443,7 mm (H) x 113,5 mm (D)
 Monitor weight : 9,8 kg
 Standard color : RAL 101 (black)

Electrical Features (5224WU-1A model)
 Power consumption : 95 W

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 : 10 G, 11ms
 Vibration : MIL STD 810E
 Non-reflective coating glass : 92%
 Front panel protection : NEMA4

Standard configurations

5224WU-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)