

# MILCOTS™ 20" LCD monitor / 5020UX

Qualified to MIL-S-901D Heavyweight Grade A - Hard Mounted



5020UX model

19" wide, 9U mounting  
Waterproof Panel Mount

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

- Brightness tuning from 100 to 5% (dimming)
- Water-resistant housing (including rear housing)
- Handles
- TV input (see video options)
- 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", 19" SXGA  
20", 21" and 23" UXGA  
24" WUXGA.  
30" WQXGA

**MILCOTS will design any custom packaging and mounting kit on request**



# 20" LCD monitor / 5020UX - Ordering Information

Base P/N	Power Options	Video Input Options	Touchscreen Options	Touchscreen Interface	Shock Performance			
5020UX (example)	0A	-	00	-	00	A	-	00
	1A	-	01	-	30	B	-	40
	2A	-	02	-	31			
	3D	-	03	-	32			
	3E	-	04	-	33			
	4A	-	05					
	5A	-	06					
	5D	-	07					
			08					
			09					
			10					
			11					
			12					
			13					

## Power Options

0A	12 VDC input on HE308 connector; external power supply not delivered
1A	12 VDC input on lockable connector; external power supply 12 VDC / 100 Watt
2A	115-230 VAC input / 50-60 Hz on HE308 connector
3D	115-230 VAC input / 50-60 Hz on HE308 connector, MIL-STD-461
3E	115-230 VAC input / 400 Hz on HE308 connector
4A	18-36 VDC input on lockable connector
5A	28 VDC AIR2021E input on HE308 connector
5D	28 VDC AIR2021E input on HE308 connector, MIL-STD-461

## Video Input Options

00	Standard: RGBHV on 5 x BNC included in all configurations
01	DVI-D on 1 x DVI
02	C-VBS on 1 X BNC
03	S-VHS on 1 x mini-DIN
04	RGB on 1 x HD15
05	Input Options: 00, 01, 02
06	Input Options: 00, 01, 03
07	Input Options: 00, 01, 04
08	Input Options: 00, 02, 03
09	Input Options: 00, 02, 04
10	Input Options: 00, 03, 04
11	Input Options: 00, 01, 02, 03
12	Input Options: 00, 01, 02, 03, 04
13	Sync-On-Green (SOG) on 3 x BNC

## Touchscreen Options

00	None
30	Resistive
31	Capacitive
32	SAW
33	IR

## Touchscreen Interface

A	Serial
B	USB

## Shock Performance

00	Standard per datasheet specifications
40	MIL-S-901D Grade A Hardmounted

## Example

**5020UX-3D-02-30A-00**

### Base Part Number

**5020UX:** 20.1" display with UXGA native resolution

### Power Option

**-3D:** 115-230 VAC input / 50-60 Hz on HE308 connector, MIL-STD-461

### Video Input Options

**-02:** RGBHV on 5 x BNC and C-VBS on 1 x BNC

### Touchscreen Option

**-30A:** Resistive touch sensor, serial interface

### Shock Performance

**-00:** Standard per datasheet specifications

**NOTE:** default mounting hardware is 4 x M6 captive screw with self-sealing washer

**NOTE:** Extended Temperature versions are available on some displays, add a "-ET" suffix to the end of the part number. Please contact Milcots for availability.

**Example** (as above): 5020UX-3D-02-30A-00-ET