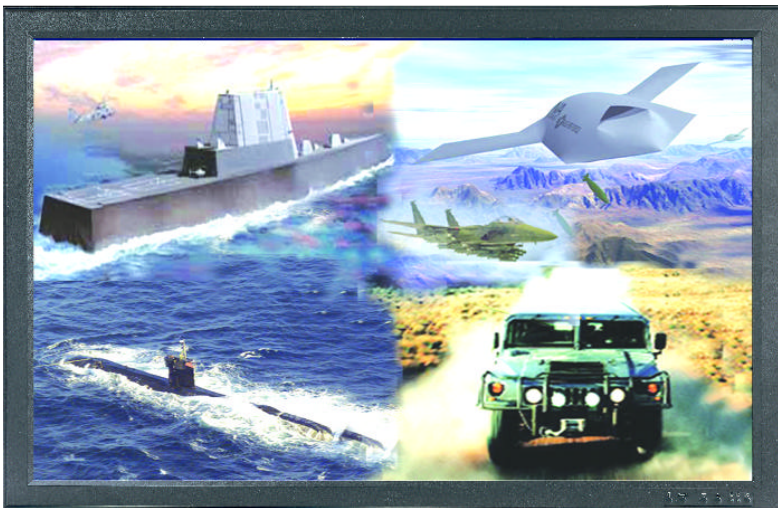


MILCOTS™ 46" LCD monitor / 4046HW

For industrial and sheltered applications



4046HW model

Traffic control
Supervision
Geographic imaging
Mobile IT
Information
and Command System

Key points

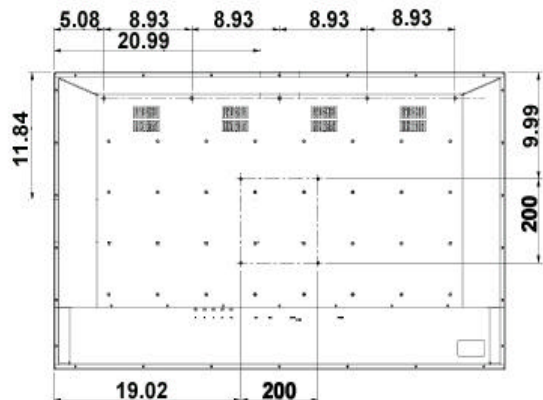
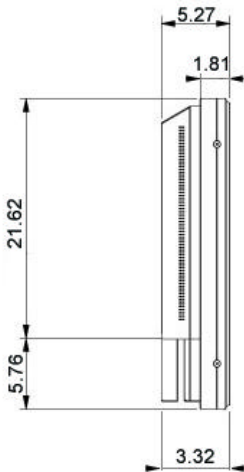
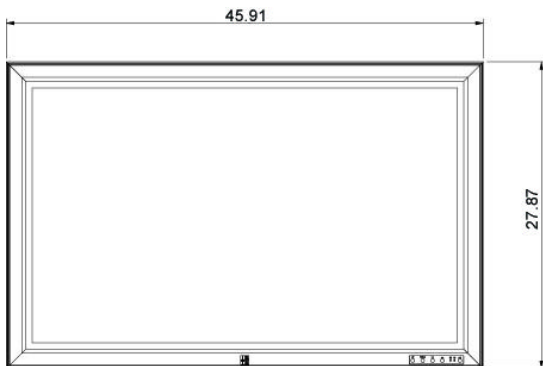
- Quality display (high contrast ratio)
- Lock / cancel OSD
- Remote control
- Non-reflective coated glass, optical quality 92%
- Waterproof mounting
- Durable aluminum packaging (shock and vibration resistant)
- Typical product availability : 8 to 10 years

Options

- Fully waterproof
- Touch screen
- Non-reflective coated glass
- EMC casing
- Custom colors



46" LCD monitor / 4046HW



Display module
 Resolution : 1920 x 1080
 Brightness : 600 cd/m²
 Contrast ratio : 800:1
 Dot pitch : 0.531 mm
 Viewing angle : 170°/170°
 Response time : 10 msec
 Display color : 16.7M
 Active display area : 1019.5 mm x 573.5 mm

Input signals
 Connectors : DVI and VGA
 Analog : 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
 TV input (C-VBS) : additional Cinch connector
 TV input (S-VHS) : additional Mini Din connector

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

Physical features
 Monitor dimensions : 45.91" (W) x 27.87" (H) x 5.27" (D)
 Moniteur weight : 132 lbs
 Standard color : RAL 101 (black)
 Mechanical standard : VESA 200

Electrical features (4046HW-6A model)
 Power supply : internal 400 W / 115-230 Vac, 50 - 60 Hz
 Power consumption : 300 W
 EMI / EMC : FCC part 15

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, 11 ms
 Vibration : MIL-STD-810E
 Non-reflective coating glass : 92%
 Front panel protection : NEMA 4

Options
 Stand : Mounting devices (contact us)
 Multimedia kit : TV tuner

Customization
 specific integrated power supply (MIL-STD 461D)
 IP63 or total waterproof configuration

Warranty
 1 year (expandable to 3 and 5 years)

46" LCD monitor / 4046HW

Base P/N	Power Options	Touchscreen Options	Touchscreen Interface	
4046HW	0A	-	00	A
(example)	1A	-	30	B
	2A	-	31	
	3E	-	32	
	4A	-	33	
	5A			

Power Options

0A	delivered
1A	12 VDC input on lockable connector; external power supply 12 VDC / XX watts (per datasheet) / 115-230 VAC / 50-60 Hz
2A	115-230 VAC input / 50-60 Hz on lockable connector
3E	115-230 VAC input / 400 Hz on lockable connector
4A	18-36 VDC input on lockable connector
5A	28 VDC AIR2021E input on lockable connector

Touchscreen Options

00	None
30	Resistive
31	Capacitive
32	SAW
33	IR

Touchscreen Interface

A	Serial
B	USB

Example

4046HW-1A-30B

Base Part Number

4046HW: 46" display with HW native resolution

Power Option

-1A: 12 VDC input on lockable connector; external power supply 12 VDC / XX watts (per datasheet) / 115-230 VAC / 50-60 Hz

Touchscreen Option

-30B: Resistive touch sensor, USB interface