

# JLT 1211 • RUGGED FIXED DISPLAY



## Rugged Displays for extreme environments

JLT Mobile Computers develops and produces rugged fixed-mount displays, computers and handheld rugged Tablet PC's.

The JLT1211 stand-alone display is the first display only product developed. This ultra rugged 12" display device is the perfect solution for any application where a remote or secondary display is required or where the standard computer display is not suitable due to environmental conditions.

The JLT1211 has an ultra high brightness fully day-light viewable touch-screen display and is supplied with IP67 sealing to withstand any conditions.

Widely used in Marine, Emergency Services, Industrial Automation and Military applications it is the toughest and most user friendly display product available.

The rugged mobile computing products offered by JLT are both designed and manufactured to withstand extreme temperature, moisture and shock conditions. They are built to meet and exceed stringent testing requirements, and we have the results to prove it.

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**JLT1211** is the latest generation of displays that are by far the best for any rugged application. In or on vehicles, boats, ships or machinery where there is vibration, shock, temperature extremes, electrical interference or water (or other fluids!).

With features like custom built waterproof IP67 housing, light weight and slim size, this rugged and ergonomically designed stand-alone display will do the job problem free for years, in any conditions.

## TECHNICAL SPECIFICATIONS

### Display

12.1" diagonal  
SVGA (800x600 Pixels)  
Colour Active Matrix TFT 256K colours  
120 degree viewing angle

### Luminance

1000 NITS Daylight Viewable, 0-100% dimmable

### Video input 1

RGB analogue 0.7 p-p 75 ohm (15 pin HD D-sub female)

### Video input 2

Composite Video (RCA female)  
with auto detect PAL/NTSC

### User Interface

High Resolution resistive touch screen  
On/Off switch  
Backlight dimmer control

### Data Interfaces

1 x USB 1.1A Type B host interface  
2 x USB 1.1A Type A for any other I/O

### Power supply

10-36 VDC  
20W operating

### Cables (included)

Video Cable 2.0m (15 pin HD D-sub)  
USB 2.0m (USB type B to USB type A) host interface

### Physical characteristics

Dimensions: 305mm (w) x 240mm (h) x 61mm (d)  
Weight: 3.5 kg  
Enclosure: Aluminium, powder coated

### Environment

Operating Temperature: -20 C to 50 C  
Storage Temperature: -30 C to 7 C  
Jet of water: IP-65 (standard), IP67 (optional)  
Humidity: 10 - 95% RH, non-condensing  
Vibration: 5 - 500 Hz/3 g RMS 3 hours XYZ  
Shock: 30 g for 11 ms

### Regulatory Approvals

Din 40050 Part 9 IEC 529  
Safety: UL: UL94, Class VO  
FCC: Part 15 Class B  
Electrical: ISO7632-1, reverse polarity, dual battery  
EMC Susceptibility: ISO7637-1. -2, EN61000-4-2  
EMC Emissions: EN55022

### Accessories

Mounting solutions  
AC/DC adaptors  
DC/DC adaptors  
Mini-keyboards  
Rugged keyboards  
Cables and adaptors

