

## **Frequently Asked Questions (FAQ) for CDS Monitors**

### **What touch screen technology does CDS monitors use?**

- Most of our touch screens use Projected capacitive (PCAP) technology. We can also produce custom Infra-Red (IR) and Sound acoustic Wave (SAW) touch screen monitors for our customers.

### **What sizes are available for the CDS touch screen LCD monitors?**

- We currently manufacture sizes ranging from 7 inches to 98 inches in diagonal.

### **What input options do the LCD monitor's come with?**

- Standard touch screen input comes with RS232 and USB. The video signal inputs come with HDMI, VGA, CGA, DVI, and optional Display port.

### **What operating systems work with CDS LCD monitors?**

- Our monitors are compatible with Windows, Linux, Android, and other proprietary operating systems. We can work with and support our clients with any custom communication protocols.

### **Does CDS make custom designs to fit my application?**

- Yes, we work with our customers to design a perfect and functional product based on their needs. Engineers and technicians are available to work with customers every step of the way.

### **What is the lifespan of a CDS touch screen monitor?**

- Our commercial grade monitors are made to be used 24/7. The lifespan ranges from 50,000 to 80,000 light hours.

### **What is the CDS monitor screen resolution?**

- Touch screen monitors 21.5 inches or larger have a High-Definition Native Resolution of 1920 X 1080 @ 60Hz (4K UHD resolution). Touch screen monitors smaller than 20 inches have a Standard Native Resolution of 1280x1024 @ 60Hz but other resolutions are available depending on the screen including ultra-wide stretched screens.

### **What is the standard CDS monitor brightness?**

- Standard brightness for our LCD panels are around 400 Nits (although low-cost monitors can be 250cd with high contrast ratio to save you money). Higher brightness Nit panels up to 4000 Nits can be specially ordered.

**What is the Aspect Ratio on a CDS monitor?**

- Standard aspect ratio of a monitor 19 inch or smaller is 4:3 although others are available. Monitors 22 inch and larger models are widescreen 16:9 aspect ratio.

**Are CDS products IP65 rated?**

- Yes, we have a wide range of IP65 rated monitors and even IP66 and IP67 are also available for specific projects you may have.

For more information contact the CDS technical sales team on [info@crystal-display.com](mailto:info@crystal-display.com)