



CDS Displays Questionnaire

- Application / use? E.g. Indoor / Outdoor, military radio, medical monitor
- Project Qty / timescales? Sample, Pre-Qualification, Productions Run etc.
- Project lifespan? Development time, production life eg 1-2 Years, 10 Years
- Type of Technology? E.g. TFT LCD, OLED, Electroluminescent, E-Paper
- Size of Display? E.g. 2.5", 10.4", 8.4" screen diagonal
- Aspect Ratio? E.g. 4:3, 5:4, 16:9
- Max depth? E.g. 15mm
- Resolution? E.g. 320 x 240, 640 x 480, 1920 x 1080
- Brightness? E.g. 200cd, 500cd, 2500cd
- Display format? E.g. square, 4:3, 16:9, round, ultra-wide stretched
- Operating Temp? E.g. 0-50, -20-+70, -30-+85
- Storage Temp? E.g. -20-+70, -30-+85
- Optical bonding? For better sunlight readability and 'ruggedisation'.
- Panel Interface 1? E.g. LVDS, MiPi, RGB, eDP
- Panel interface 2? E.g. 6 bit, 8 bit, 10 Bit
- Specific Frequency? E.g. 60 Hz
- Monitor? Yes / No?
- Monitor interface? E.g. VGA, HDMI, DisplayPort or multiple I/O
- Protective glass & spec? E.g. vandal resistant, thickness
- Touchscreen? E.g. Resistive 4 or 5 wire, PCAP, Infra-Red, dual point or multitouch?
- Min. or Max weight? E.g. 350 grams
- Viewing angle? E.g. 6 O'clock, 12 O'clock, 9 O'clock
- Backlight Lifetime? E.g. (LED backlight circa. 100K hours to half brightness)
- Any Housing reqs. E.g. plastic, steel, aluminium
- IP Rating needed? E.g. IP65, IP66, IP68
- IK Rating impact protection E.g. IK08
- Max power consumption E.g. 30 watts.
- Any vibration reqs. Yes / No.
- Built in computer or embedded system (Panel PC)?

- **Anything else?**