



Sunlight Readable High Brightness LCD Flat Panels

Normal LCD panels typically produce a maximum brightness (white light) of 200-350 nits, which is insufficient in environments where there is high ambient lighting or direct sunlight. At 700 nits to 1500 nits of brightness, **VarTech's Sunlight Readable LCDs** outperform commercially available products that washout in direct and/or indirect sunlight conditions. These TFT LCD Monitors are designed to operate in high ambient light conditions and are an ideal solution for factory automation, kiosk, marine/mobile, and process control applications.



It is VarTech Systems' experience that a luminance greater than 100 footLamberts (343 nits) is required for daylight applications, and a luminance greater than 200 footLamberts (686 nits) is required for sunlight readable applications. It should be noted that the contrast ratio of the panel and the reflectance of the viewing surface also play significant roles in determining a display's luminance requirement in high ambient lighting conditions. VarTech manufactures a line of VBOND optically bonded LCDs, passively enhanced for ultra high contrast which also achieves sunlight readability. For the ultimate sunlight readable solution opt for a high brightness LCD coupled with VBOND technology.



Size	Hi-Bright	Ultra Hi-Bright
6.4"	700 nits	
8.4"		1500 nits
10.4"	850 nits	1200 nits
12.1"		1700 nits
15.0"		1500 nits
17.0"		1200 nits
19.0"	500 nits	850 nits
20.1"	780 nits	
21.3"	750 nits	

VarTech's High Bright LCD Monitors Feature:

- Rugged Construction
- Designed to satisfy most commercial, ATM, industrial, security/surveillance, marine or military, or vehicle applications
- High Brightness and Strong Contrast enhances display quality
- Multiple sizes and mechanical configurations available
- Space Saving compact design
- Engineered to provide the longest lamp-life possible
- Models also available for full-range dimming
- Optional Ambient Light Sensor
- Custom designs to meet your specific viewing & mechanical requirements are also encouraged

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